

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093967.D
 Acq On : 28 Mar 2017 2:54
 Operator : SJ/MA
 Sample : I2384-03MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Manual Integrations
 APPROVED

Quant Time: Mar 28 06:49:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	155994	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	643043	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	301775	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	541572	20.00	ng	0.00
75) Chrysene-d12	14.67	240	436112	20.00	ng	-0.01
86) Perylene-d12	16.30	264	273119	20.00	ng	-0.01

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System Monitoring Compounds

5) 2-Fluorophenol	4.49	112	1147155	124.21	ng	0.02
7) Phenol-d6	5.55	99	1437715	125.83	ng	0.00
23) Nitrobenzene-d5	6.59	82	945353	83.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	341749	143.31	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1734815	87.68	ng	-0.01
78) Terphenyl-d14	13.39	244	1502503	77.22	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	167791	37.82	ng	# 83
3) Pyridine	2.89	79	388413	32.12	ng	99
4) n-Nitrosodimethylamine	2.84	42	216803	43.57	ng	91
6) Aniline	5.56	93	271957	17.11	ng	# 1
8) 2-Chlorophenol	5.70	128	465904	45.89	ng	98
9) Benzaldehyde	5.43	77	85711	11.11	ng	99
10) Phenol	5.56	94	535827	41.21	ng	100
11) bis(2-Chloroethyl)ether	5.65	93	445510	43.85	ng	97
12) 1,3-Dichlorobenzene	5.87	146	485069	42.60	ng	100
13) 1,4-Dichlorobenzene	5.96	146	490470	42.53	ng	96
14) 1,2-Dichlorobenzene	6.13	146	508532	47.88	ng	98
15) Benzyl Alcohol	6.10	79	371963	44.48	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	647473	41.35	ng	97
17) 2-Methylphenol	6.25	107	394470	45.37	ng	99
18) Hexachloroethane	6.53	117	174553	43.06	ng	# 84
19) n-Nitroso-di-n-propylamine	6.43	70	320978	43.71	ng	97
20) 3+4-Methylphenols	6.43	107	485777	46.13	ng	# 66
22) Acetophenone	6.41	105	653397	45.59	ng	# 88
24) Nitrobenzene	6.61	77	486379	43.77	ng	95
25) Isophorone	6.90	82	873755	44.13	ng	95
26) 2-Nitrophenol	6.99	139	264671	49.94	ng	97
27) 2,4-Dimethylphenol	7.05	122	444811	48.71	ng	97
28) bis(2-Chloroethoxy)methane	7.16	93	553104	42.36	ng	99
29) 2,4-Dichlorophenol	7.28	162	415151	48.62	ng	97
30) 1,2,4-Trichlorobenzene	7.38	180	392824	44.67	ng	100
31) Naphthalene	7.47	128	1832509	59.27	ng	99
32) Benzoic acid	7.21	122	306312	50.39	ng	86
33) 4-Chloroaniline	7.53	127	112006	8.94	ng	95
34) Hexachlorobutadiene	7.63	225	194851	43.21	ng	98
35) Caprolactam	7.99	113	127061m	46.67	ng	
36) 4-Chloro-3-methylphenol	8.15	107	443196	49.68	ng	88
37) 2-Methylnaphthalene	8.32	142	1055192	51.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	342021	41.43	ng	99
40) Hexachlorocyclopentadiene	8.51	237	331048	85.69	ng	97

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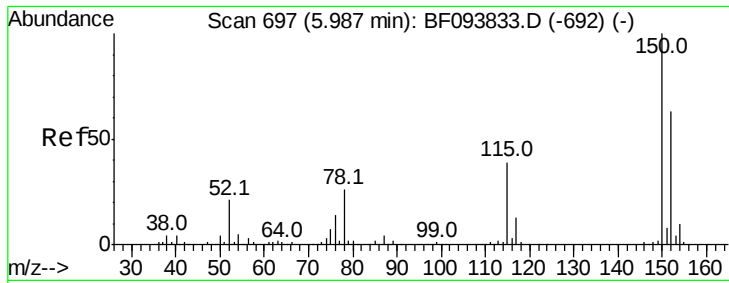
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	8.67	196	287174	49.17	nq	97	
43) 2,4,5-Trichlorophenol	8.72	196	291396	46.11	nq	94	
45) 1,1'-Biphenyl	8.89	154	1076925	44.24	nq	97	
46) 2-Chloronaphthalene	8.91	162	850779	44.65	nq	95	
47) 2-Nitroaniline	9.04	65	259997	46.00	nq	#	80
48) Acenaphthylene	9.42	152	1367793	43.19	nq	99	mohammad
49) Dimethylphthalate	9.28	163	1023939	47.73	nq	99	
50) 2,6-Dinitrotoluene	9.35	165	235137	47.82	nq	95	
51) Acenaphthene	9.63	154	820414	44.40	nq	99	
52) 3-Nitroaniline	9.54	138	76910	13.32	nq	88	
53) 2,4-Dinitrophenol	9.68	184	252185	94.91	nq	#	67 3/28/2017 3:43:23 PM
54) Dibenzofuran	9.85	168	1178979	46.87	nq	99	
55) 4-Nitrophenol	9.78	139	380227	84.08	nq	#	68
56) 2,4-Dinitrotoluene	9.84	165	290445	47.02	nq	#	73
57) Fluorene	10.27	166	896573	42.98	nq	98	
58) 2,3,4,6-Tetrachlorophenol	10.00	232	220320	50.81	nq	98	
59) Diethylphthalate	10.15	149	992644	46.82	nq	98	
60) 4-Chlorophenyl-phenylether	10.27	204	378064	42.55	nq	95	
61) 4-Nitroaniline	10.30	138	199928	36.08	nq	97	
62) Azobenzene	10.47	77	946338	47.18	nq	94	
64) 4,6-Dinitro-2-methylphenol	10.34	198	165396	49.87	nq	#	77
65) n-Nitrosodiphenylamine	10.42	169	654700	34.96	nq	98	
66) 4-Bromophenyl-phenylether	10.87	248	243506	45.72	nq	97	
67) Hexachlorobenzene	10.94	284	248214	46.03	nq	#	93
68) Atrazine	11.09	200	78029	13.91	nq	96	
69) Pentachlorophenol	11.19	266	281001	83.73	nq	99	
70) Phenanthrene	11.44	178	1342230	44.55	nq	99	
71) Anthracene	11.51	178	1382979	44.58	nq	99	
72) Carbazole	11.71	167	976980	30.71	nq	98	
73) Di-n-butylphthalate	12.16	149	1541111	46.59	nq	99	
74) Fluoranthene	12.91	202	1383195	44.84	nq	100	
77) Pyrene	13.19	202	1391004	43.95	nq	100	
79) Butylbenzylphthalate	14.00	149	660850	49.00	nq	#	83
80) Benzo(a)anthracene	14.66	228	1137052	44.71	nq	99	
82) Chrysene	14.70	228	991292	42.00	nq	100	
83) Bis(2-ethylhexyl)phthalate	14.72	149	871451	47.37	nq	#	99
84) Di-n-octyl phthalate	15.47	149	1492160	48.55	nq	98	
85) Indeno(1,2,3-cd)pyrene	17.67	276	809162	39.59	nq	100	
87) Benzo(b)fluoranthene	15.89	252	953937	56.98	nq	97	
88) Benzo(k)fluoranthene	15.92	252	863337m	52.71	nq		
89) Benzo(a)pyrene	16.24	252	820808	53.24	nq	99	
90) Dibenzo(a,h)anthracene	17.69	278	673268	51.57	nq	98	
91) Benzo(g,h,i)perylene	18.08	276	660497	50.20	nq	97	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



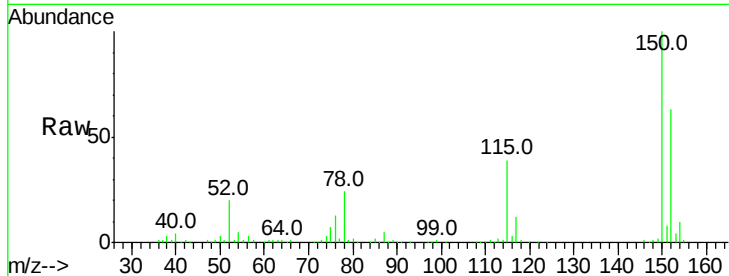
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

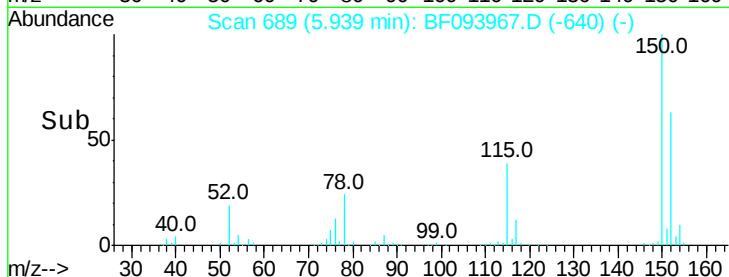
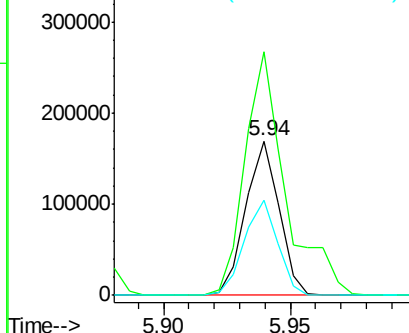
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	61.9	52.2	78.2

Manual Integrations
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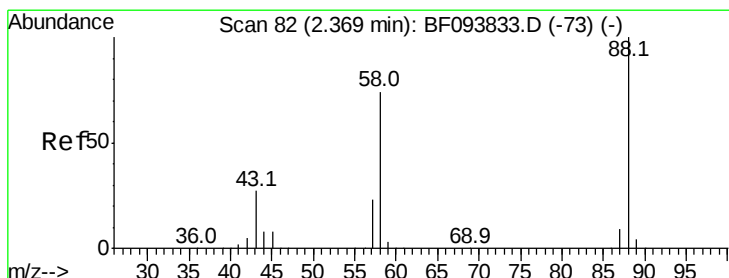


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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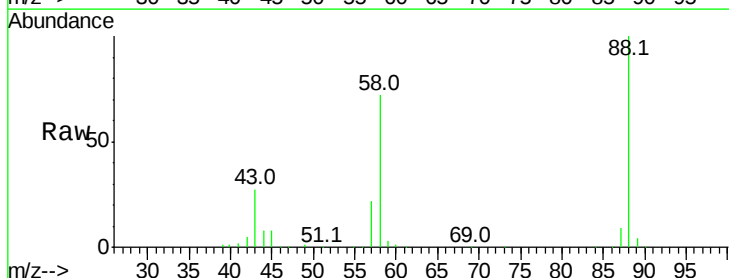
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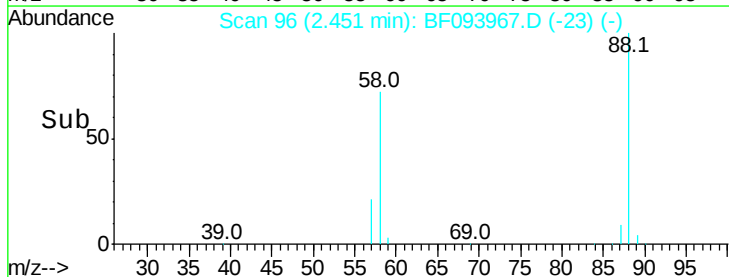
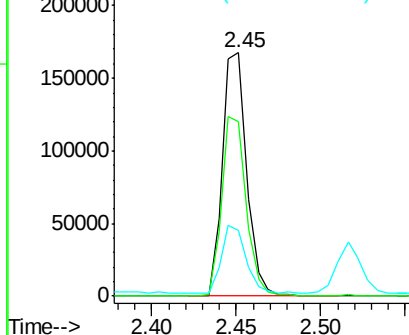
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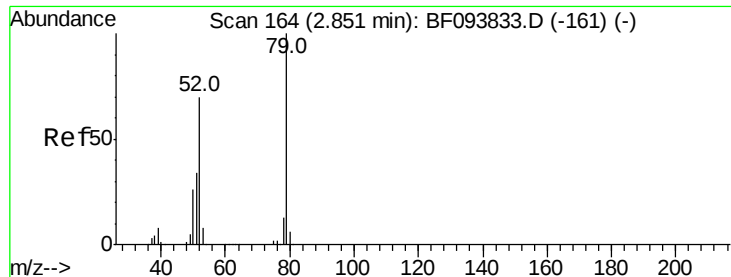
1,4-Dioxane
Concen: 37.82 ng
RT: 2.45 min Scan# 96
Delta R.T. 0.13 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.4	92.0
43	0.0	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.12 ng

RT: 2.89 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

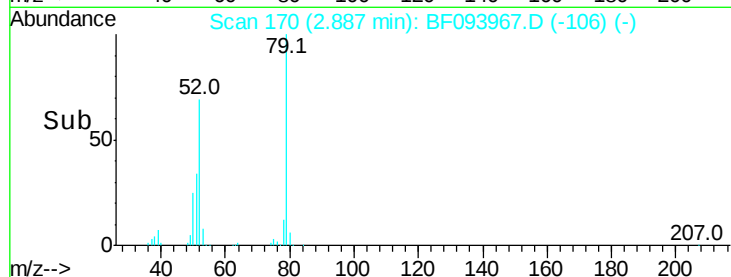
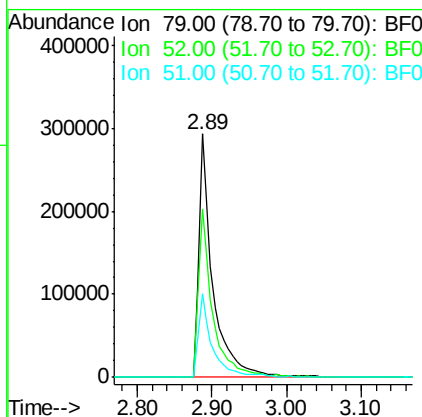
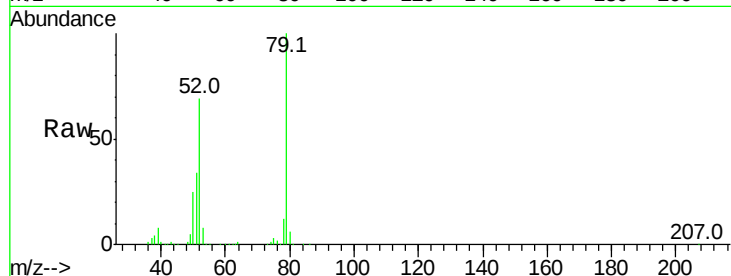
BNA_F

ClientSampleId :

WC-B42-B51-001MS

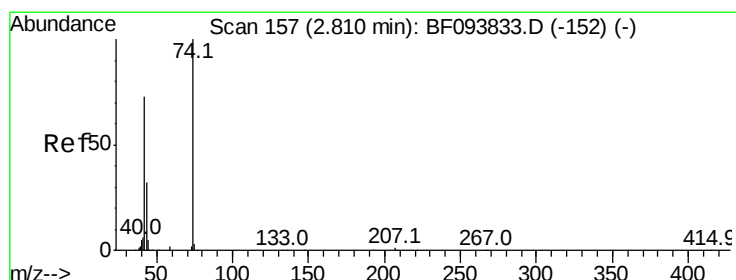
Tot Ion:	79	Resp:	388413
Ion Ratio	Lower	Upper	
79	100		
52	69.2	54.8	82.2
51	34.3	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.57 ng

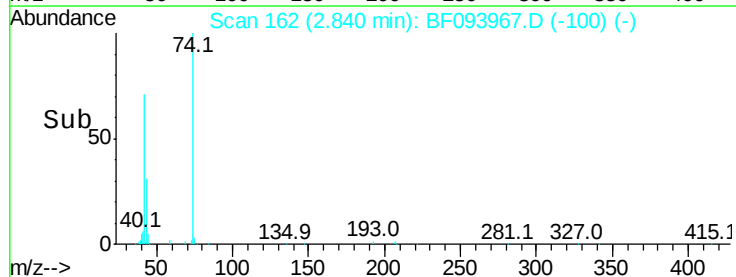
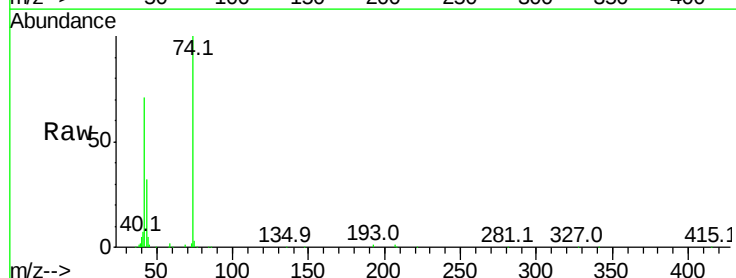
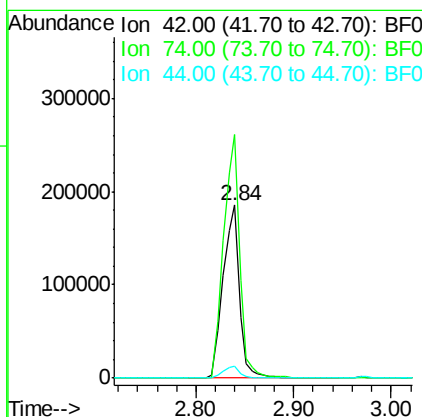
RT: 2.84 min Scan# 162

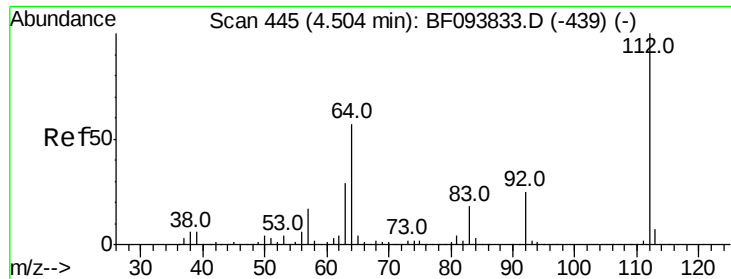
Delta R.T. 0.06 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	42	Resp:	216803
Ion Ratio	Lower	Upper	
42	100		
74	140.8	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 124.21 ng

RT: 4.49 min Scan# 443

Delta R.T. 0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:112 Resp: 1147155

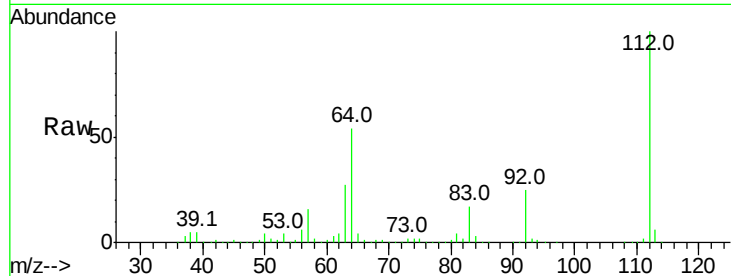
Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

63 27.1 23.4 35.0

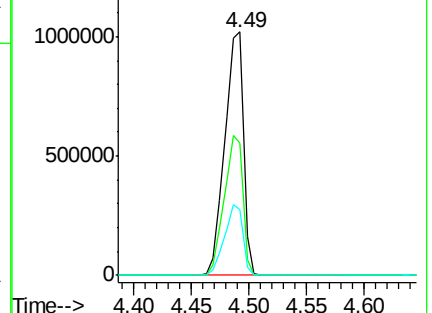
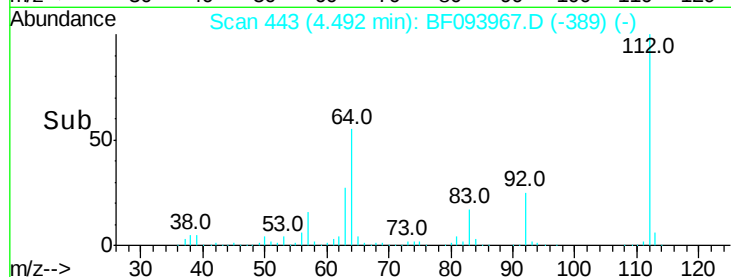
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Abundance Ion 112.00 (111.70 to 112.70): E

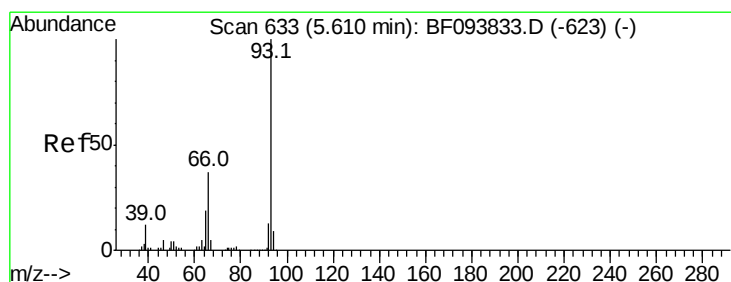
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 17.11 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

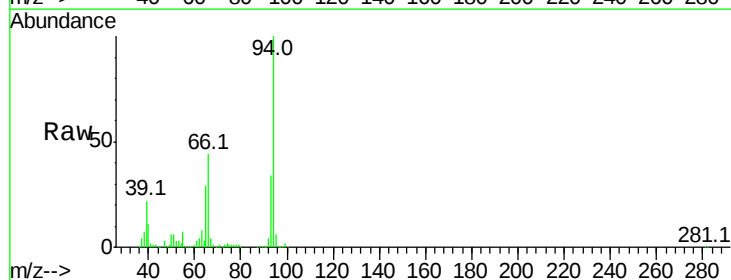
Tgt Ion: 93 Resp: 271957

Ion Ratio Lower Upper

93 100

66 127.1 32.9 49.3#

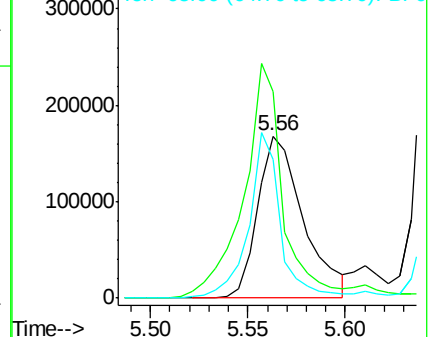
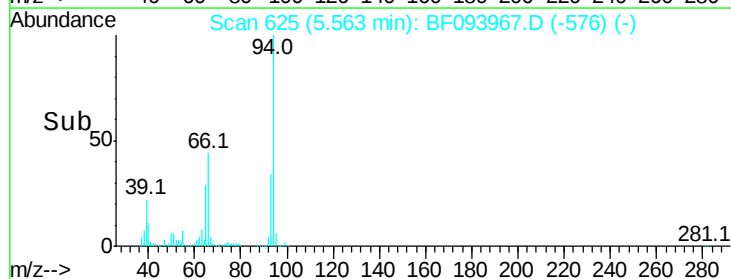
65 85.8 16.0 24.0#

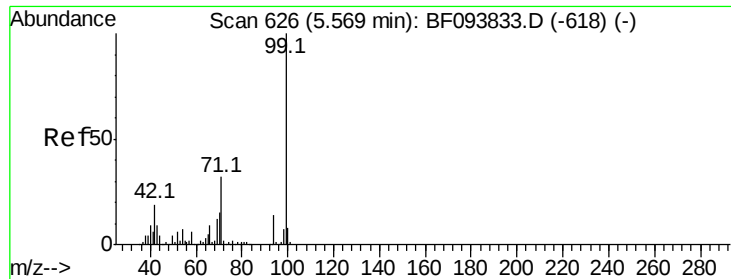


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.83 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

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ClientSampleId :

WC-B42-B51-001MS

Tot Ion: 99 Resp: 1437715

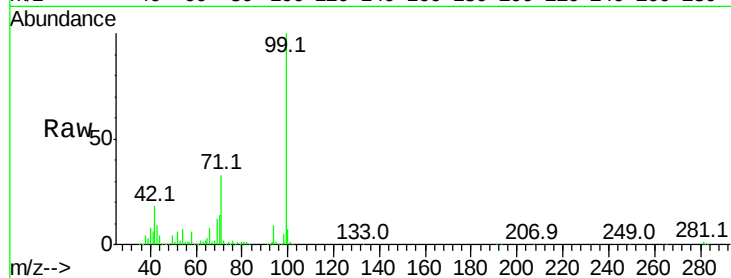
Ion Ratio Lower Upper

99 100

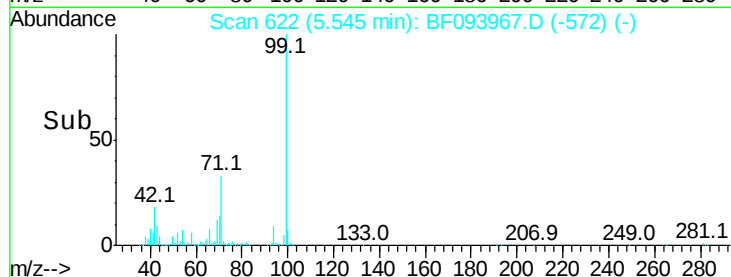
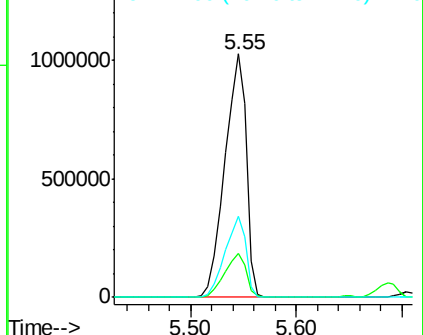
42 18.0 13.5 20.3

71 33.1 24.5 36.7

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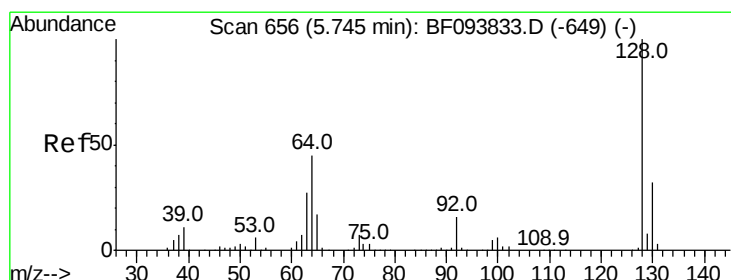


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 45.89 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

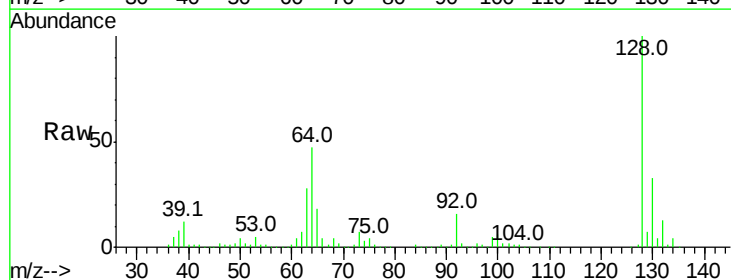
Tgt Ion:128 Resp: 465904

Ion Ratio Lower Upper

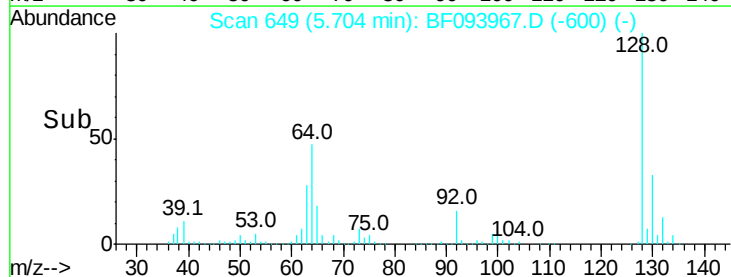
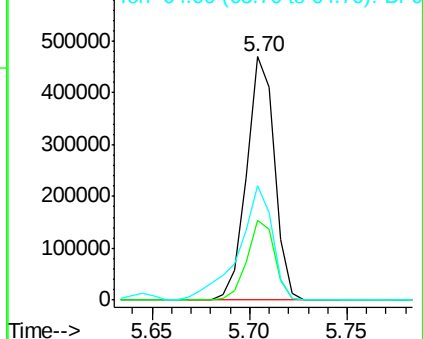
128 100

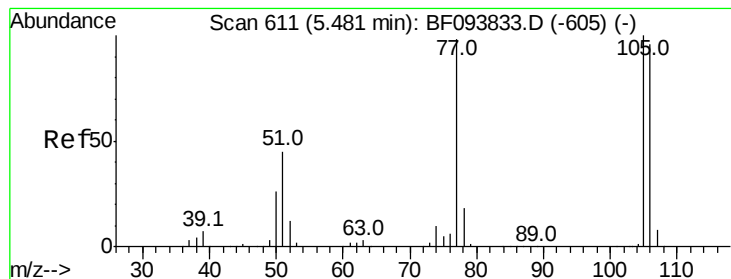
130 32.6 12.9 52.9

64 46.7 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.11 ng

RT: 5.43 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

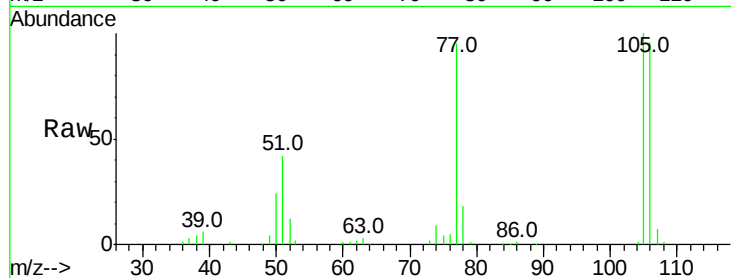
BNA_F

ClientSampleId :

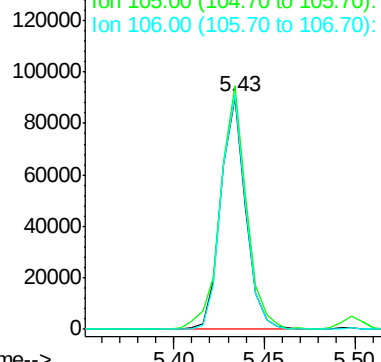
WC-B42-B51-001MS

Tot Ion:	77	Resp:	85711
Ion Ratio	Lower	Upper	
77	100		
105	104.7	83.8	123.8
106	101.1	79.1	119.1

Manual Integrations
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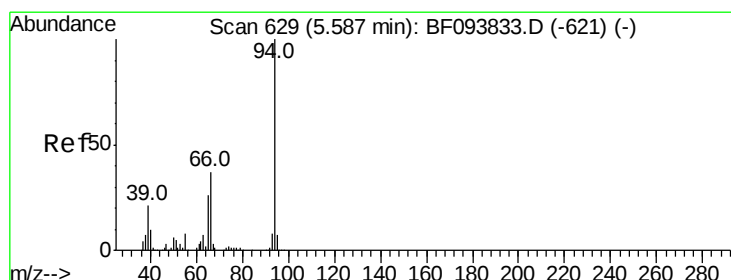
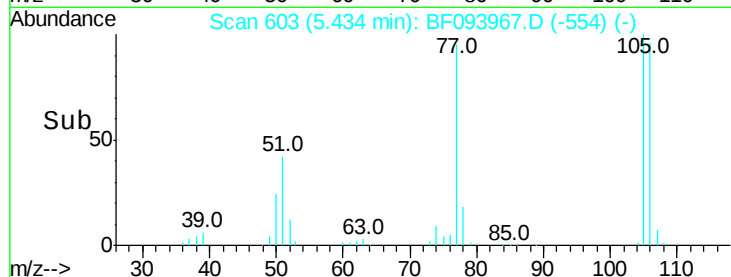


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 41.21 ng

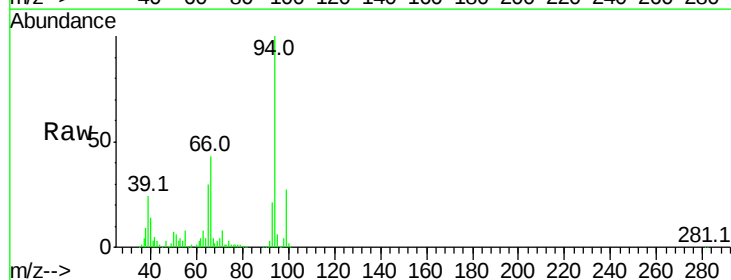
RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

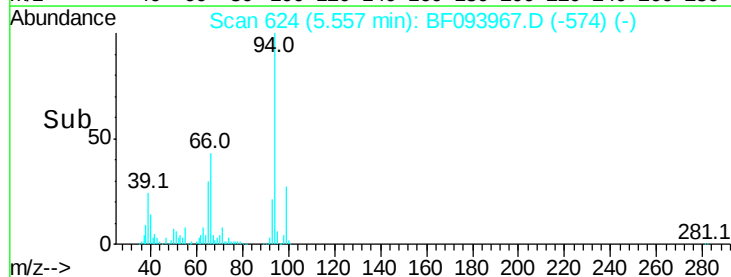
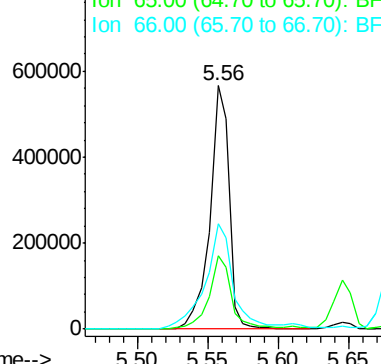
Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	94	Resp:	535827
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.9	49.9
66	43.1	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.85 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

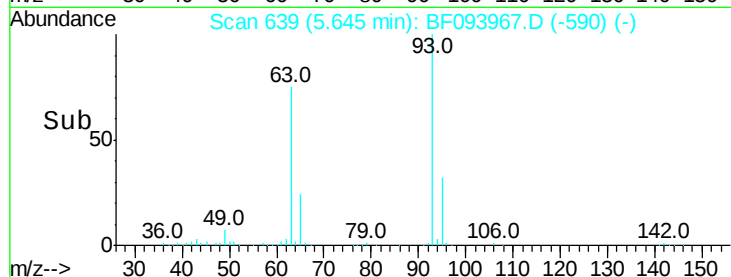
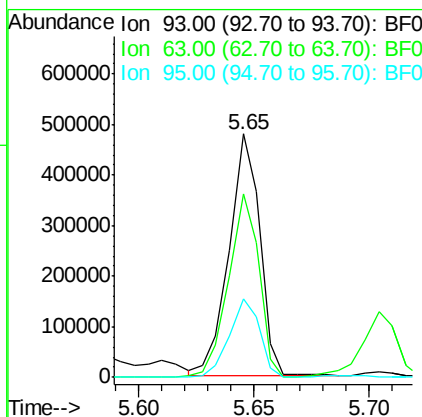
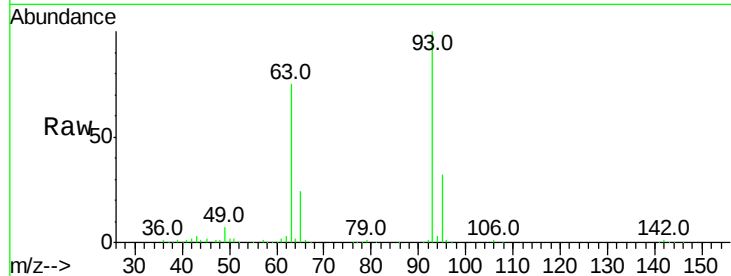
BNA_F

ClientSampleId :

WC-B42-B51-001MS

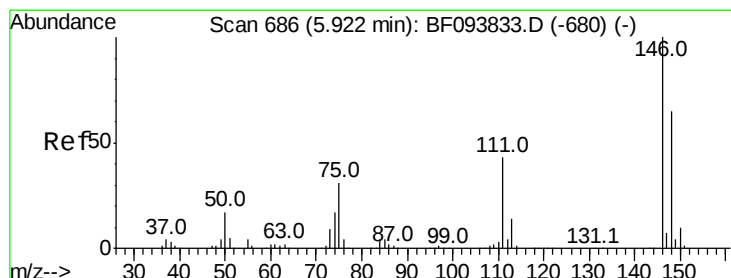
Tot Ion:	93	Resp:	445510
Ion Ratio	Lower	Upper	
93	100		
63	75.4	59.2	99.2
95	32.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.60 ng

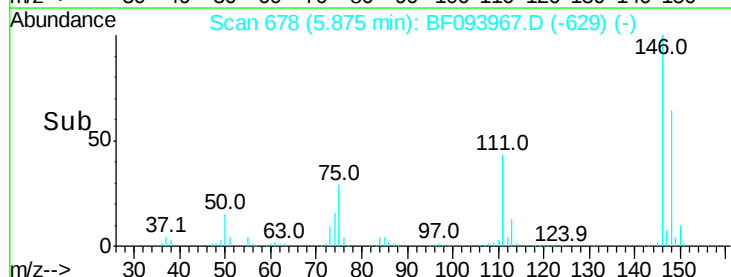
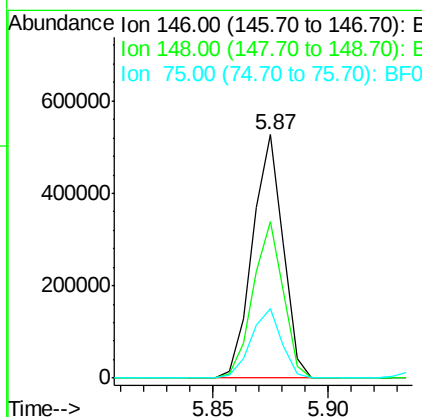
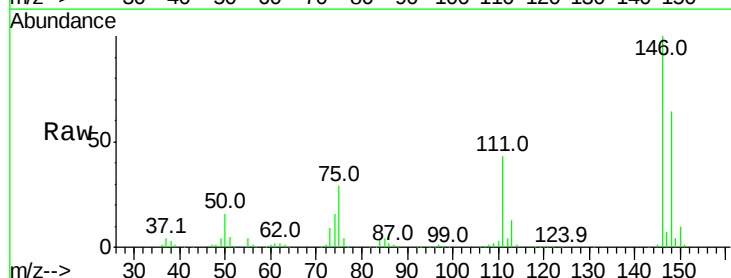
RT: 5.87 min Scan# 678

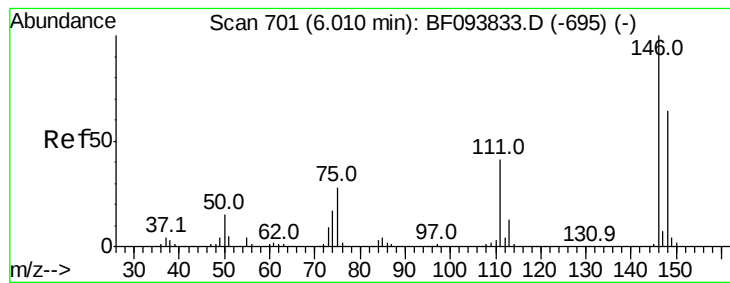
Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	146	Resp:	485069
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
75	28.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.53 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:146 Resp: 490470

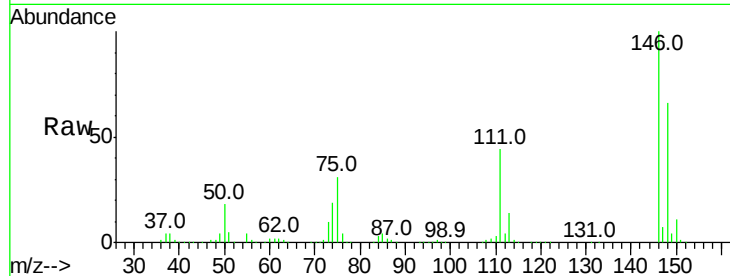
Ion Ratio Lower Upper

146 100

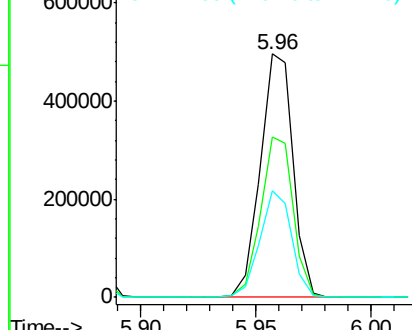
148 65.9 52.2 78.2

111 43.6 30.3 45.5

Manual Integrations
APPROVED

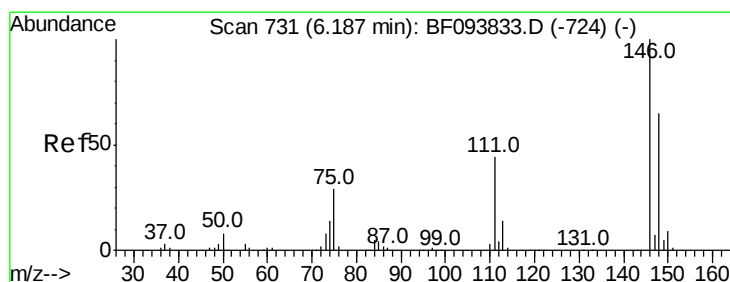
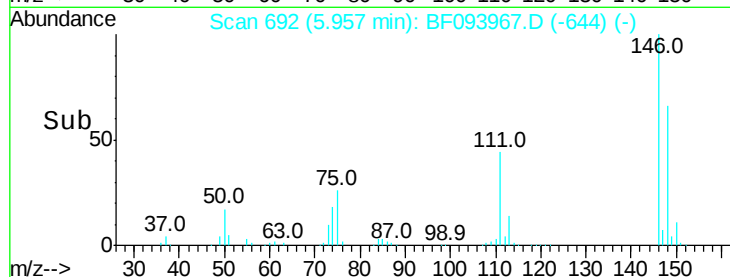


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 47.88 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

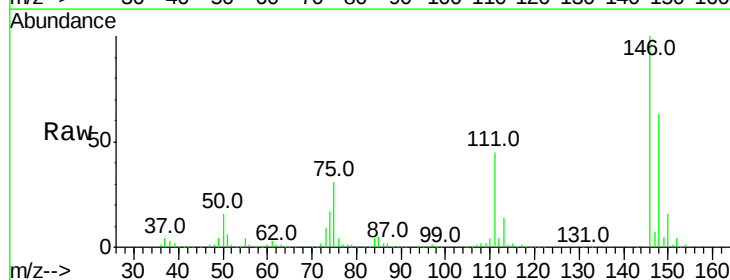
Tgt Ion:146 Resp: 508532

Ion Ratio Lower Upper

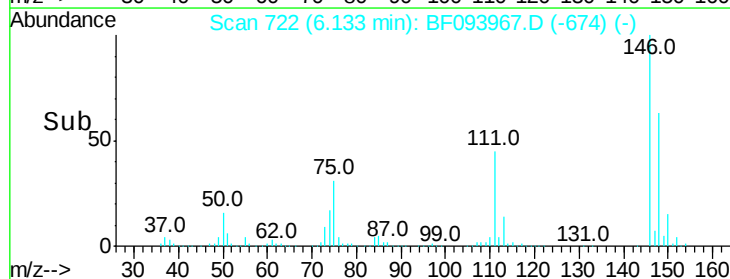
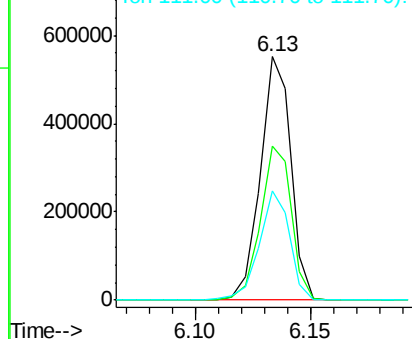
146 100

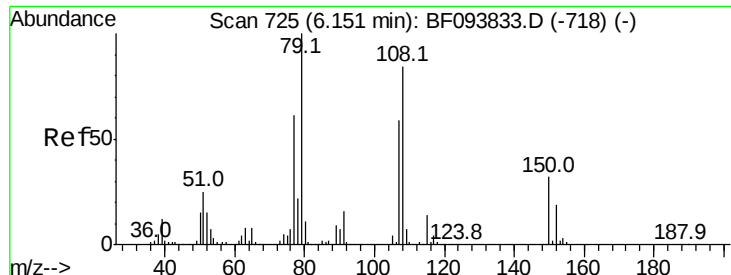
148 63.4 50.4 75.6

111 44.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



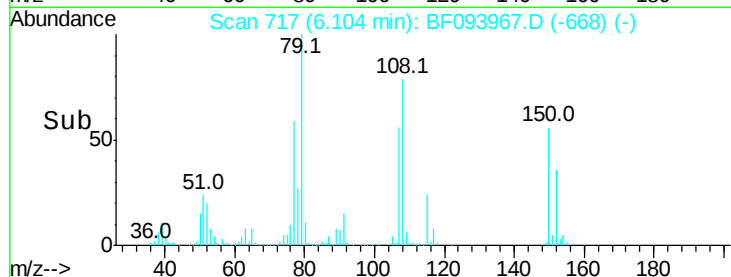
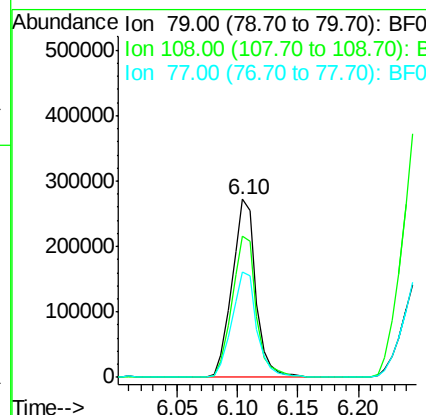
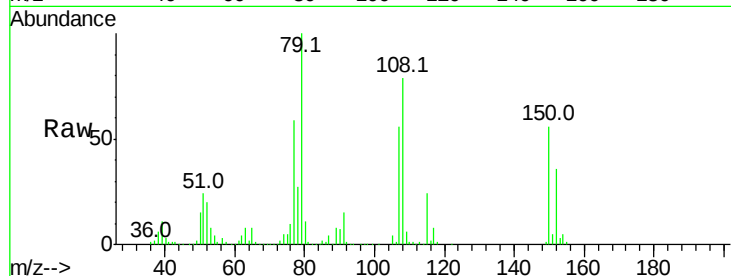


#15
Benzyl Alcohol
Concen: 44.48 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

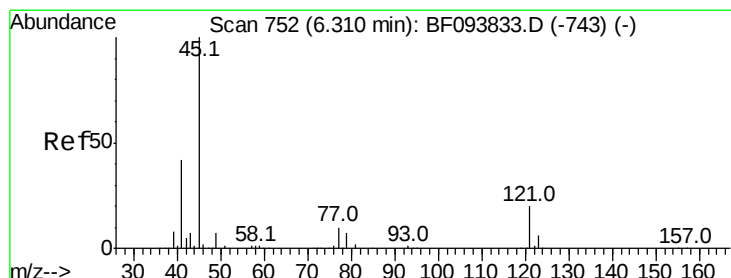
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.4	95.0
77	59.0	49.2	73.8

Manual Integrations
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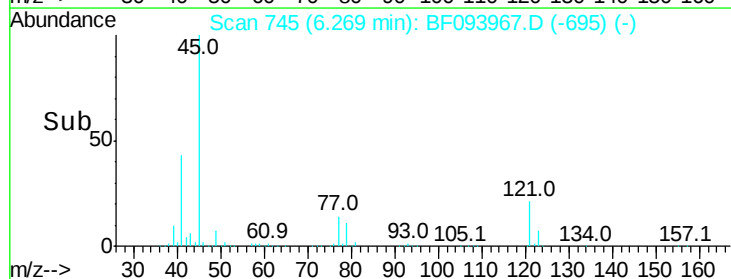
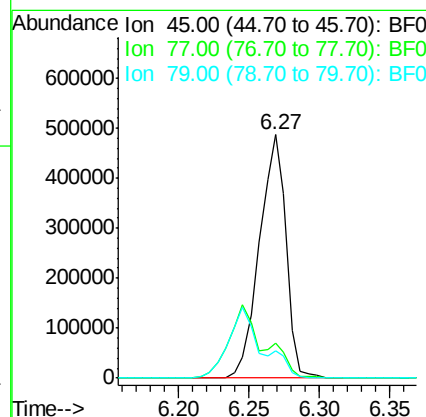
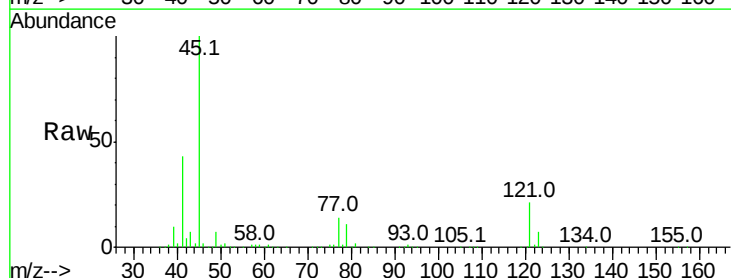
mohammad

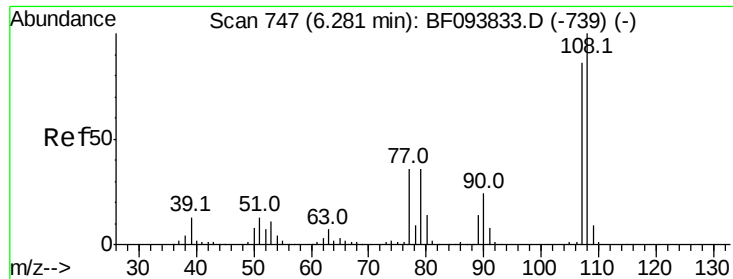
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.35 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.2
79	11.3	0.0	30.0



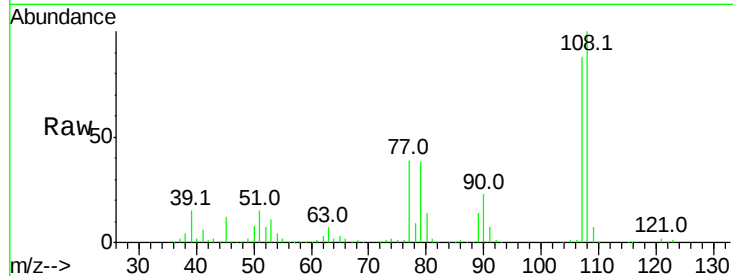


#17
2-Methylphenol
Concen: 45.37 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

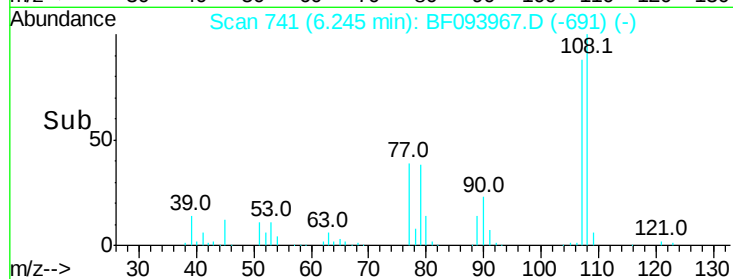
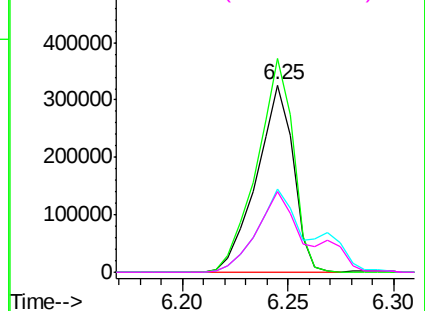
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	107	Resp	394470
Ion Ratio	Lower	Upper	
107	100		
108	114.1	93.4	140.0
77	44.7	35.8	53.6
79	43.3	34.8	52.2

Manual Integrations
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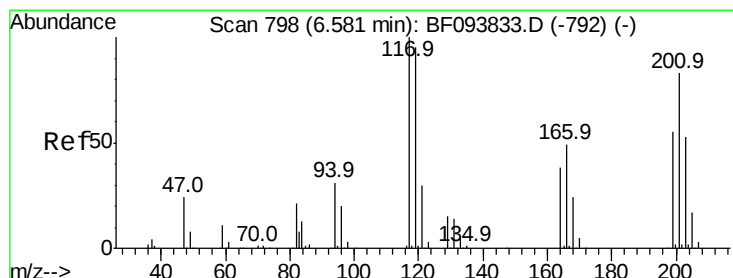


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



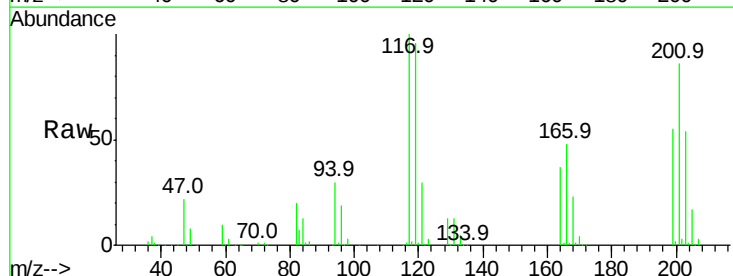
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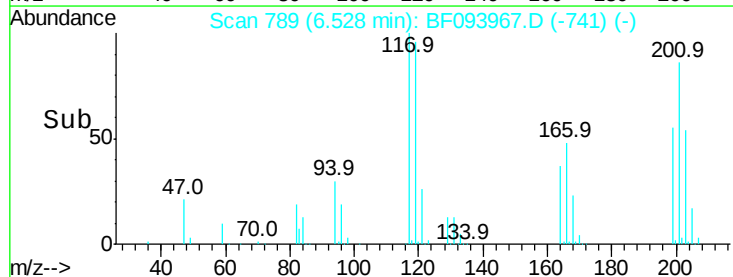
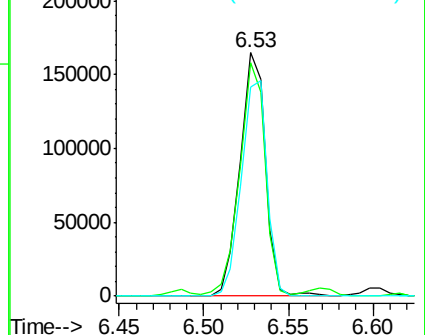


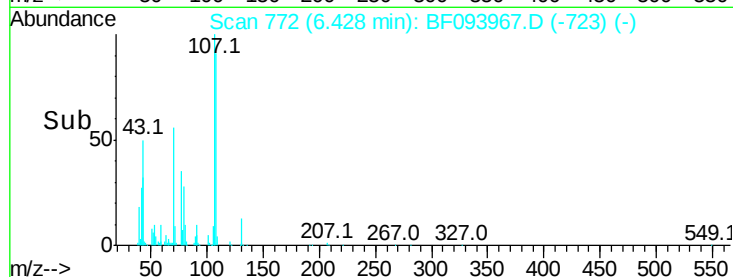
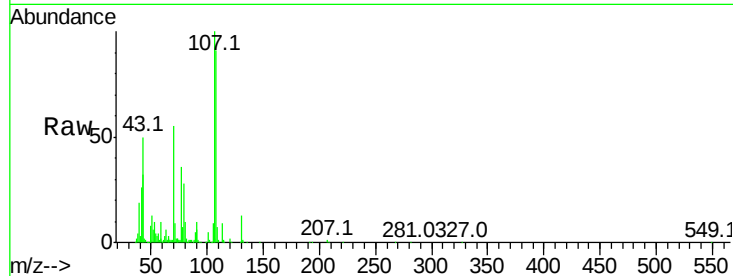
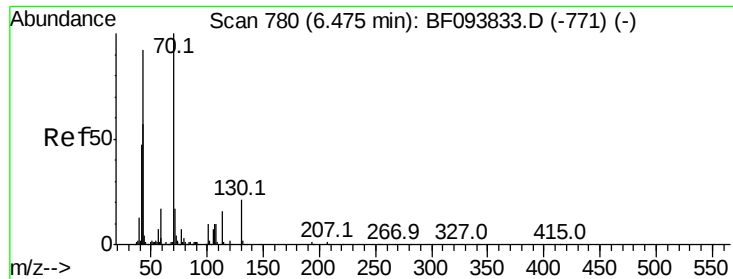
#18
Hexachloroethane
Concen: 43.06 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	117	Resp	174553
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.4	116.0
201	86.1	94.6	141.8#



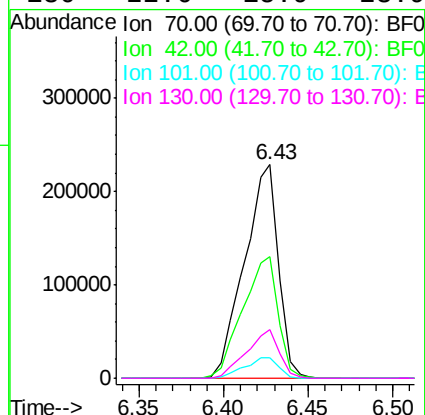
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.71 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tot Ion	70	Ratio	Lower	Upper
70	100			
42	56.9	47.2	70.8	
101	9.7	7.2	10.8	
130	22.6	15.9	23.9	

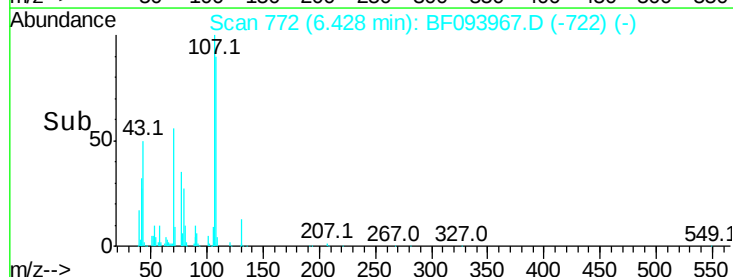
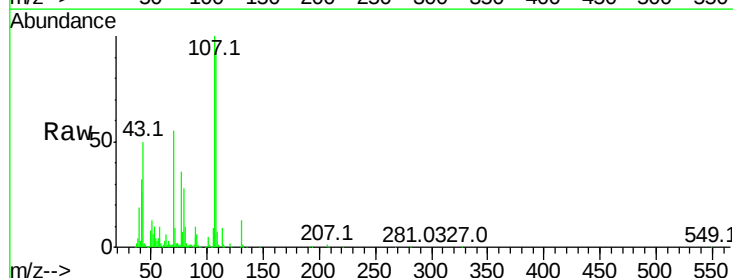
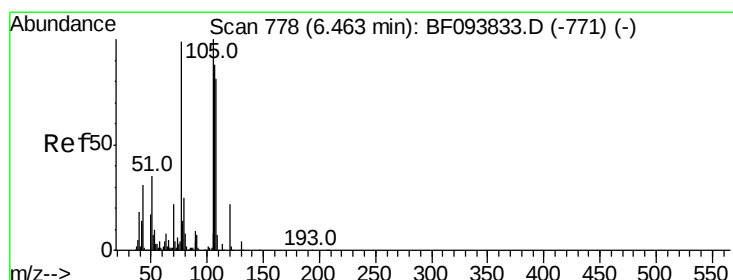


Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Manual Integrations
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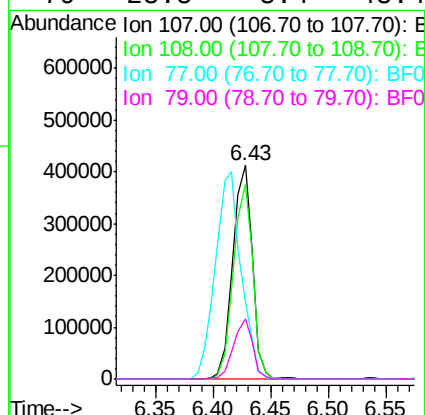
mohammad

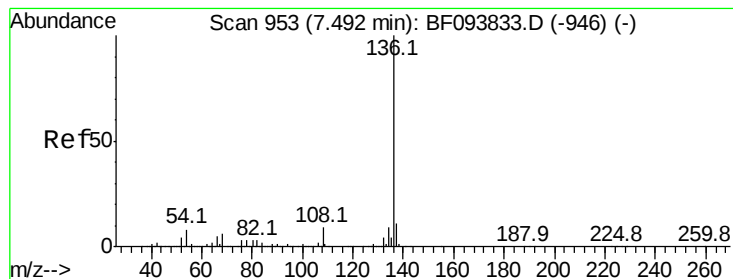
3/28/2017 3:43:23 PM



#20
3+4-Methylphenols
Concen: 46.13 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	107	Ratio	Lower	Upper
107	100			
108	91.2	71.0	111.0	
77	36.1	90.5	130.5#	
79	28.5	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

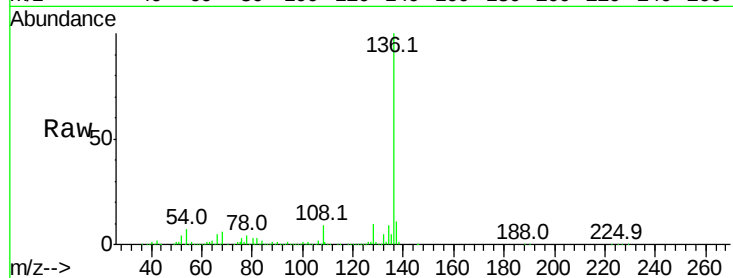
BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	7.4	4.9	7.3	
68	5.7	4.1	6.1	

Manual Integrations
APPROVED



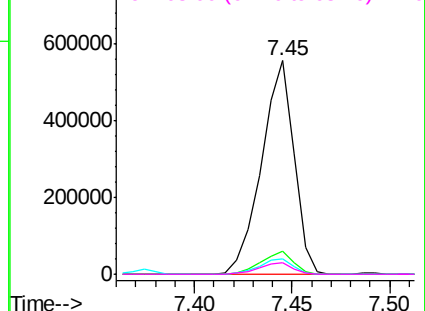
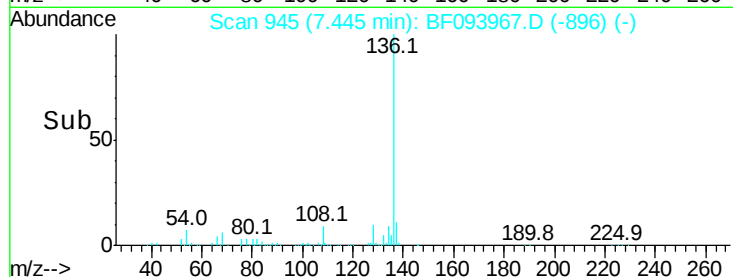
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

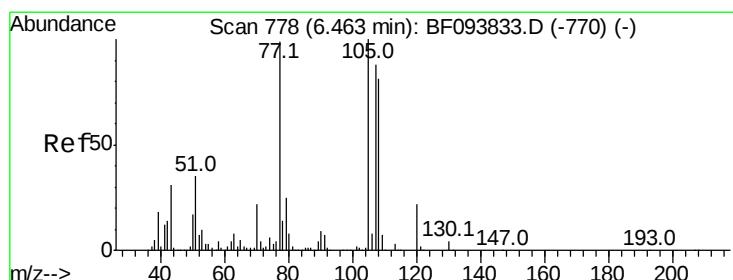
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 45.59 ng

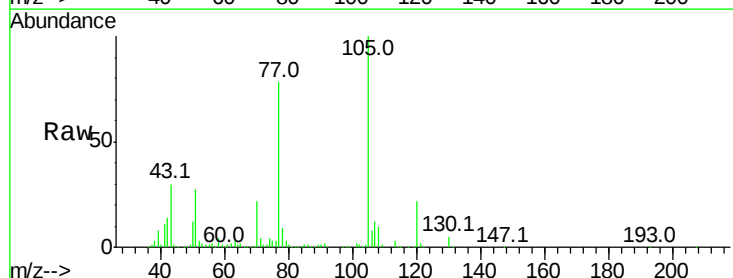
RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.8	2.8	4.2	
51	27.0	30.7	46.1	
120	22.0	17.4	26.0	



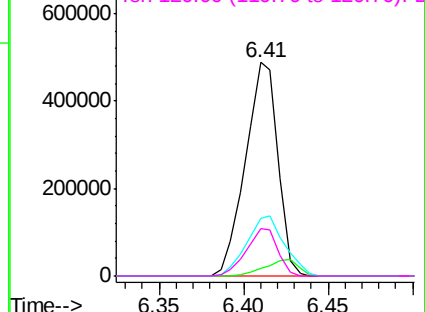
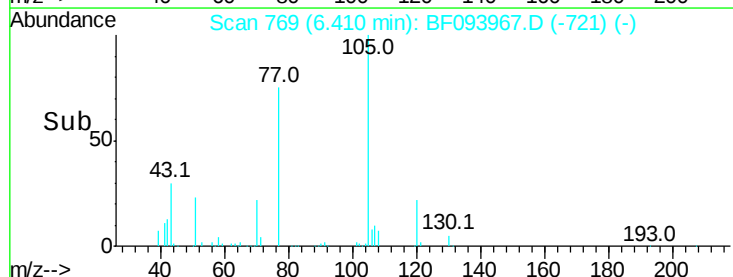
Abundance

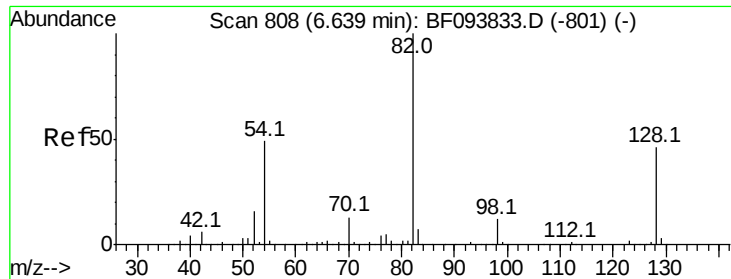
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



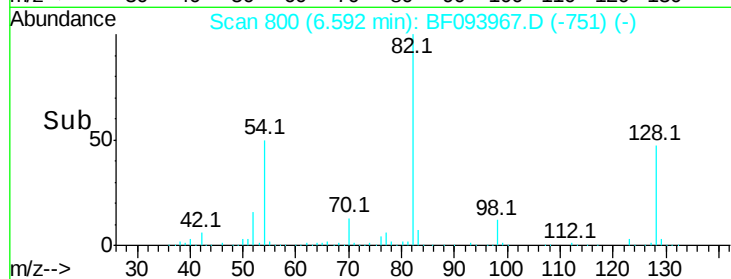
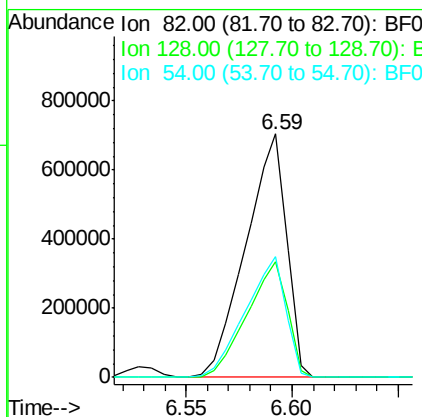
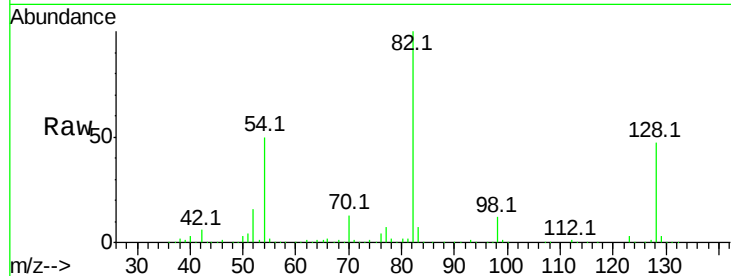


#23
 Nitrobenzene-d5
 Concen: 83.90 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

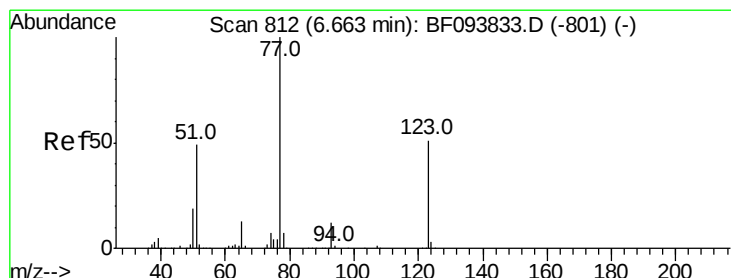
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	49.5	42.2	63.2

Manual Integrations
 APPROVED



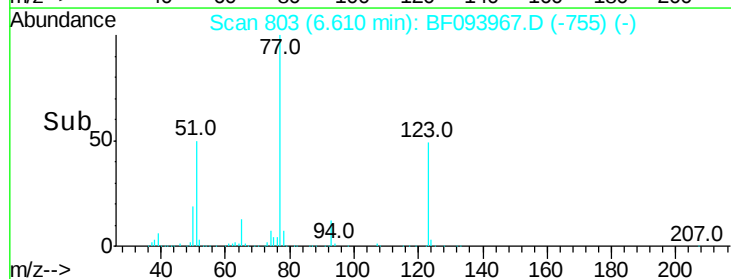
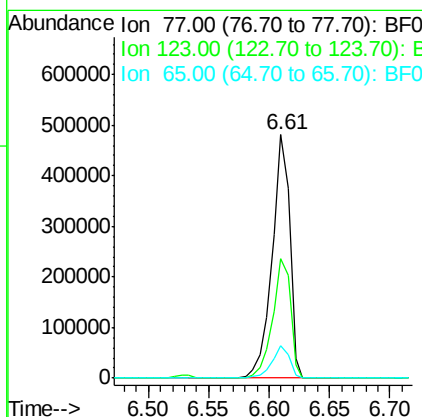
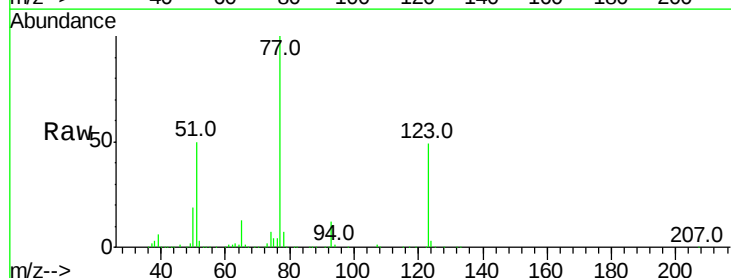
mohammad

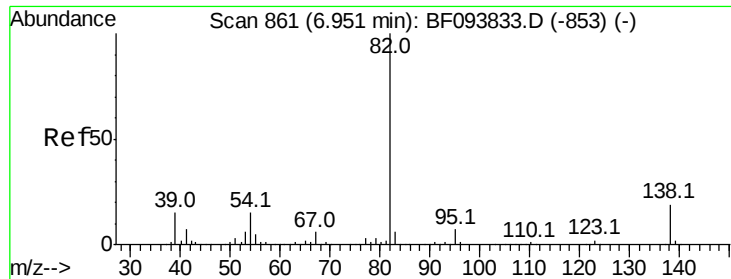
3/28/2017 3:43:23 PM



#24
 Nitrobenzene
 Concen: 43.77 ng
 RT: 6.61 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 44.13 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

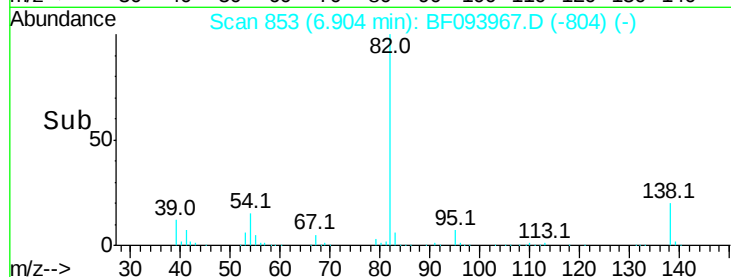
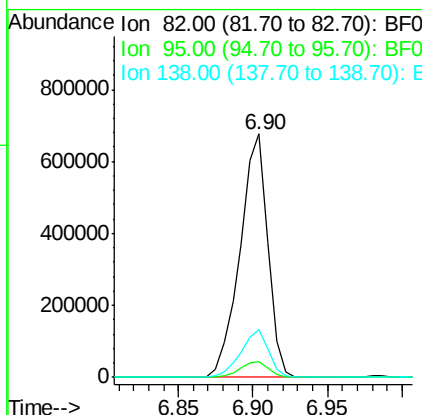
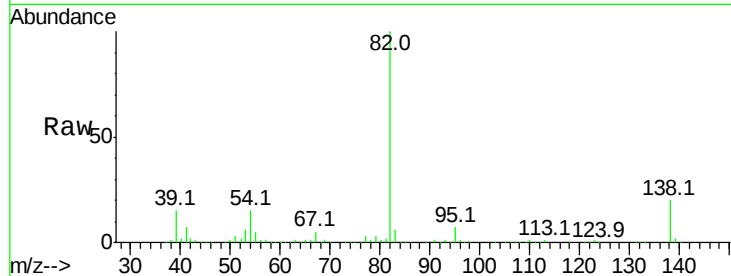
BNA_F

ClientSampleId :

WC-B42-B51-001MS

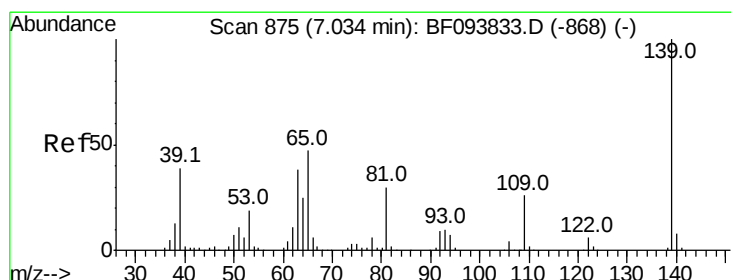
Tot Ion:	82	Resp:	873755
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	19.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.94 ng

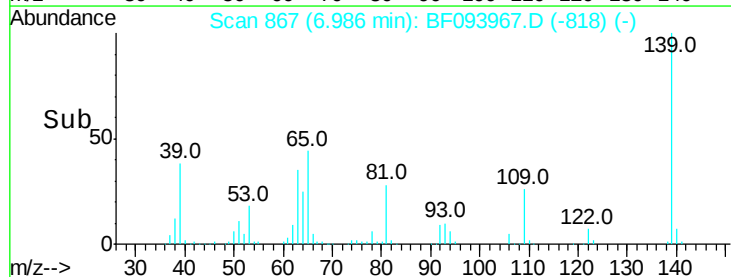
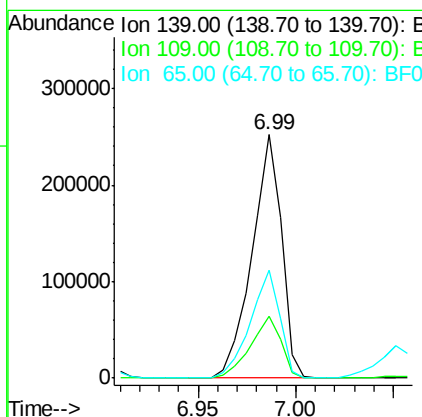
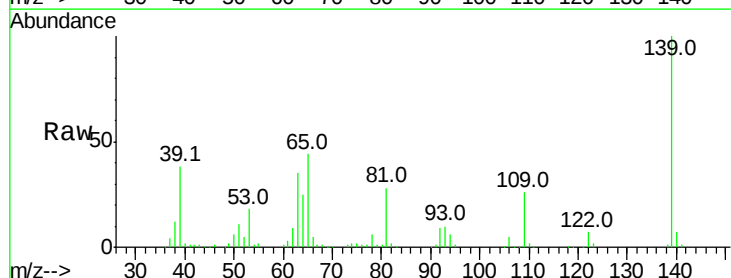
RT: 6.99 min Scan# 867

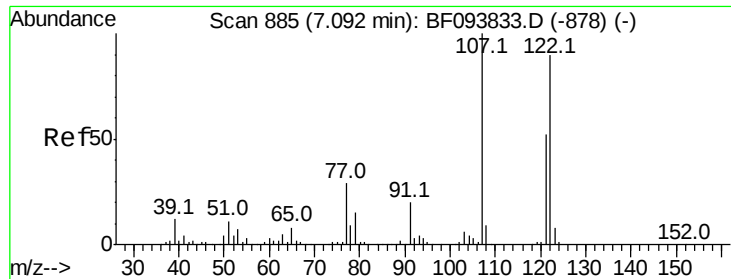
Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	139	Resp:	264671
Ion Ratio		Lower	Upper
139	100		
109	25.6	21.0	31.6
65	44.2	33.0	49.6



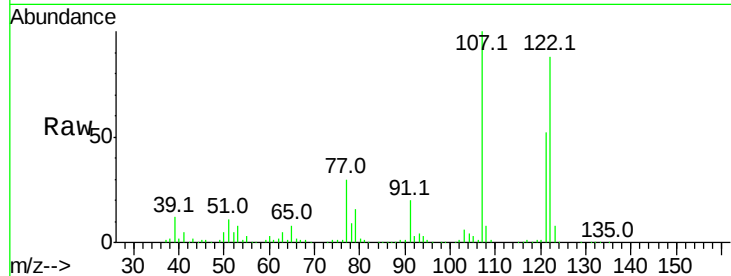


#27
 2,4-Dimethylphenol
 Concen: 48.71 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	89.2	133.8
121	59.4	45.2	67.8

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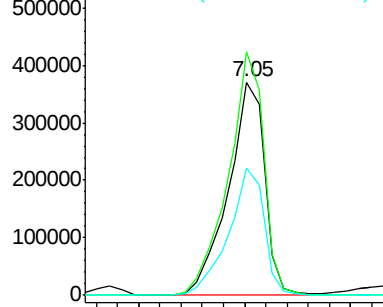


Abundance

Ion 122.00 (121.70 to 122.70): E

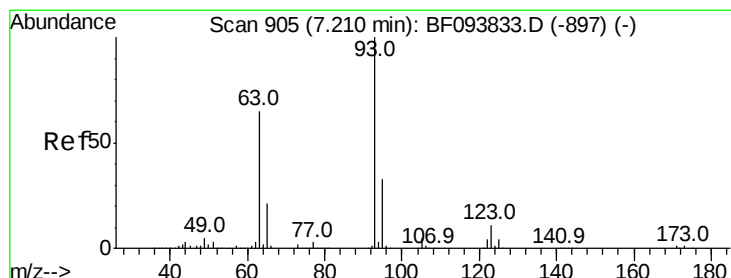
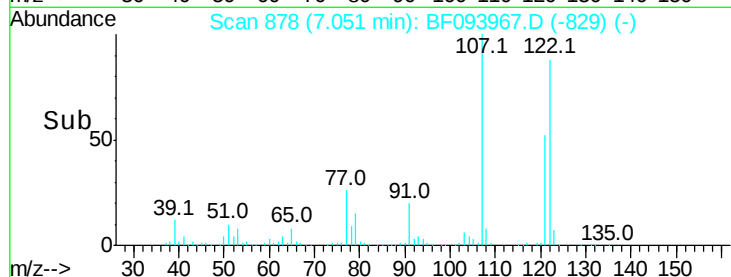
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



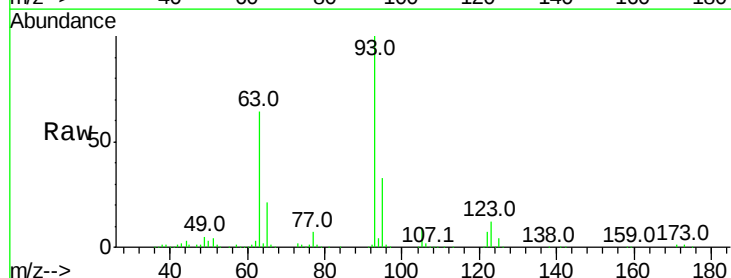
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.36 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.7	9.0	13.4

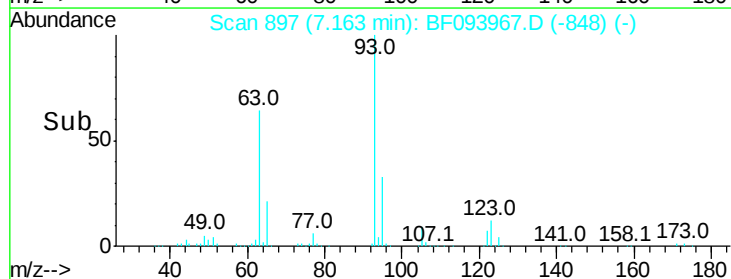
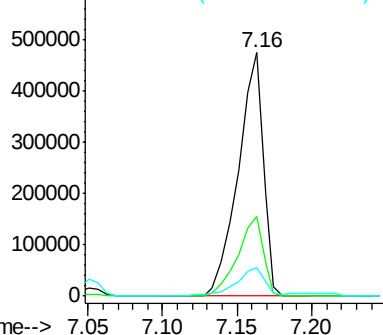


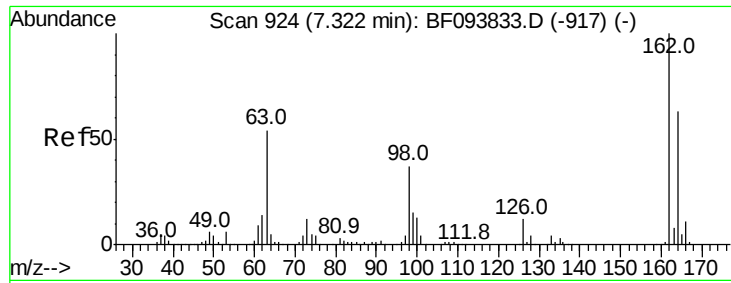
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



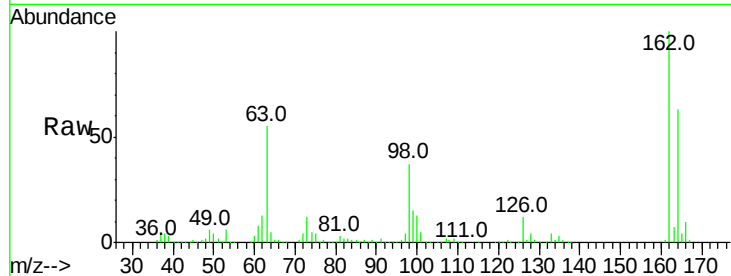


#29
 2,4-Dichlorophenol
 Concen: 48.62 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

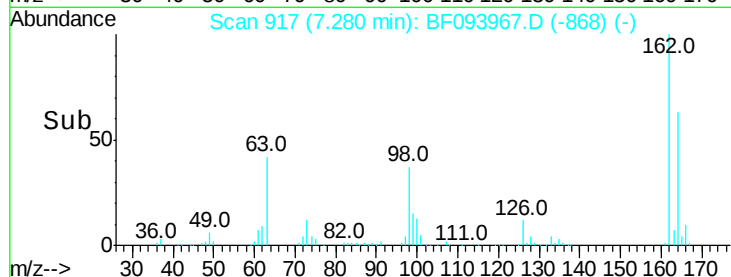
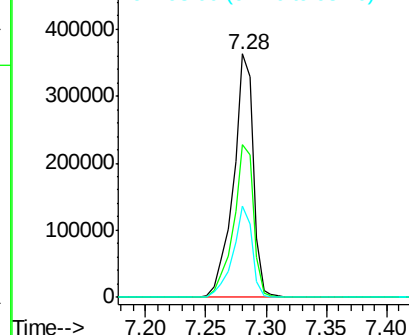
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:	162	Resp:	415151
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	37.4	14.8	54.8

Manual Integrations
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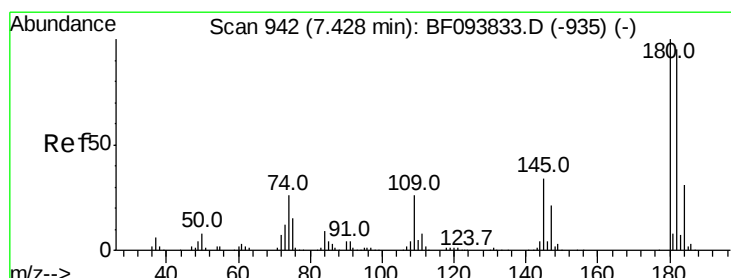


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



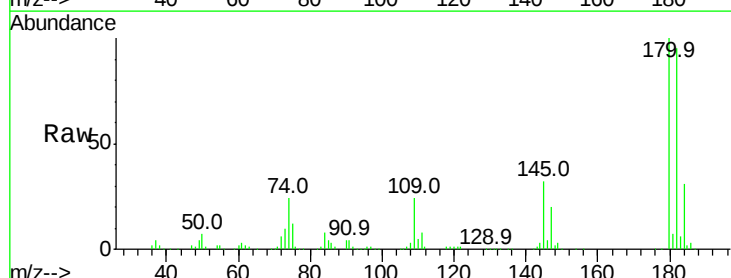
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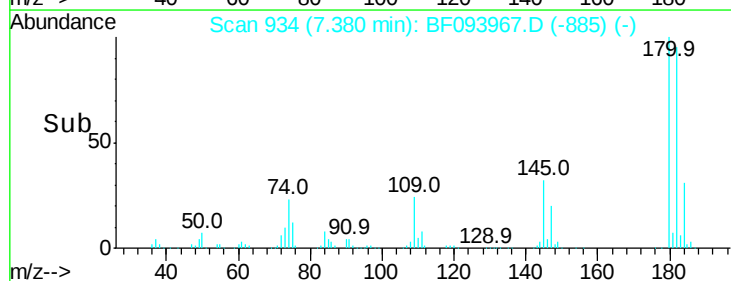
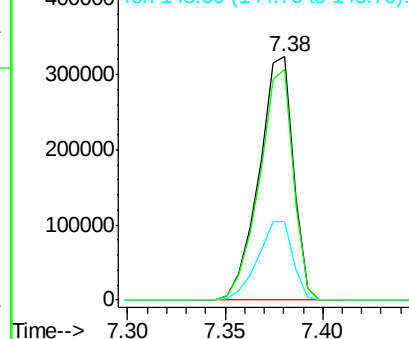


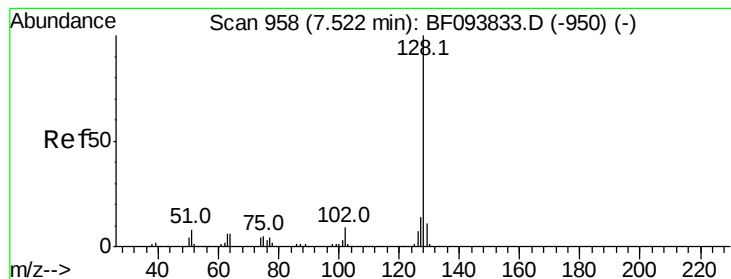
#30
 1,2,4-Trichlorobenzene
 Concen: 44.67 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:	180	Resp:	392824
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.6
145	32.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 59.27 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:128 Resp: 1832509

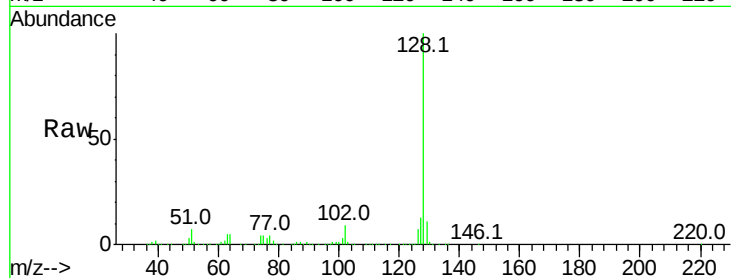
Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.4 10.8 16.2

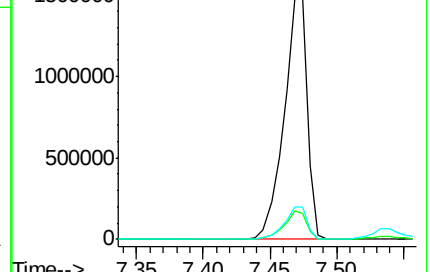
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E

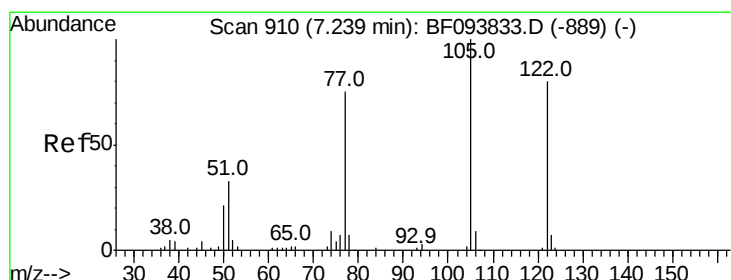
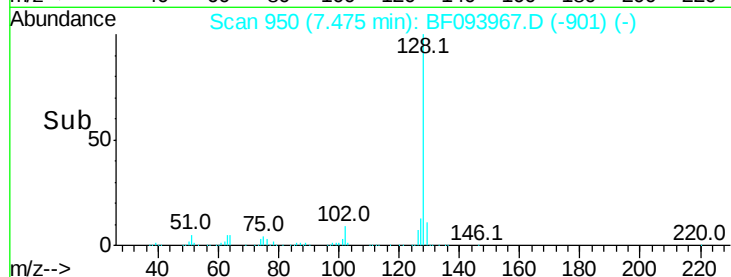
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 50.39 ng

RT: 7.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

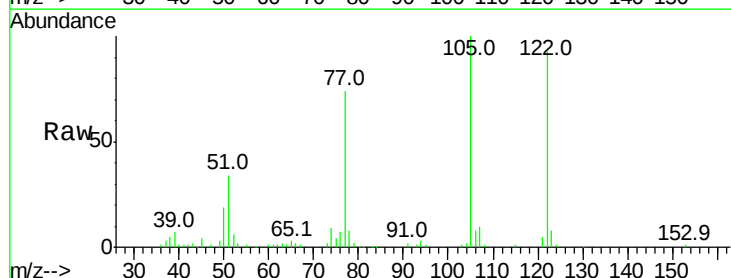
Tgt Ion:122 Resp: 306312

Ion Ratio Lower Upper

122 100

105 107.5 103.3 143.3

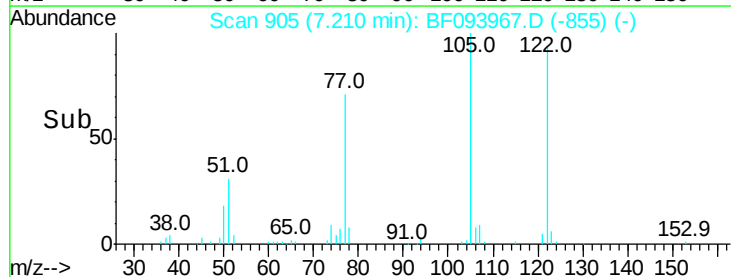
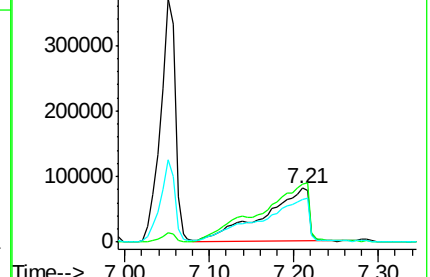
77 79.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



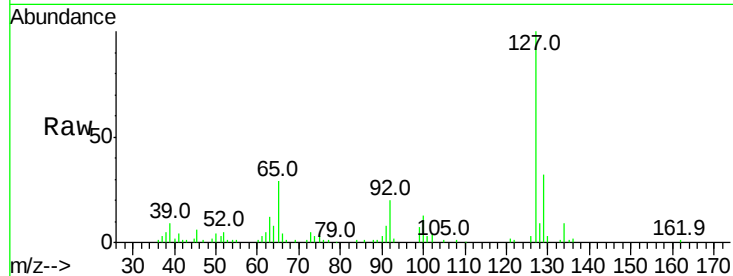


#33
4-Chloroaniline
Concen: 8.94 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.2		
65	29.4	27.8	41.8		
92	19.7	16.8	25.2		

Manual Integrations
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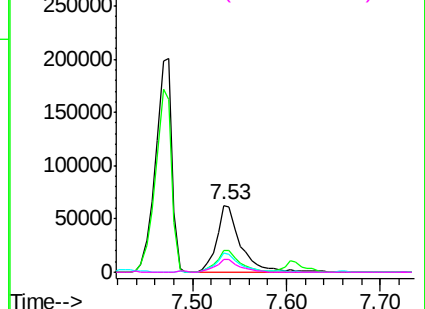
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

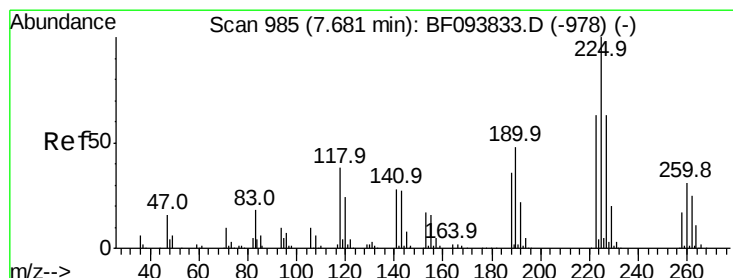
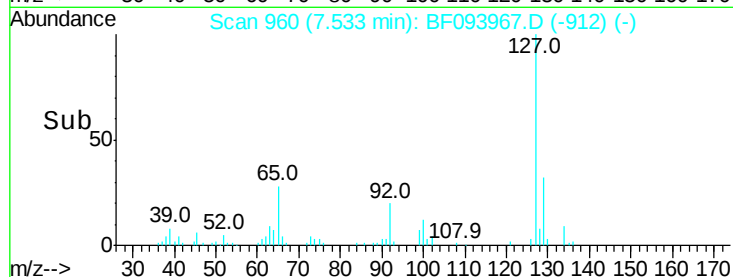
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



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#34
Hexachlorobutadiene
Concen: 43.21 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

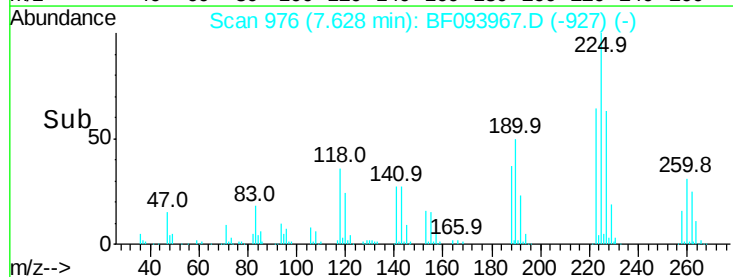
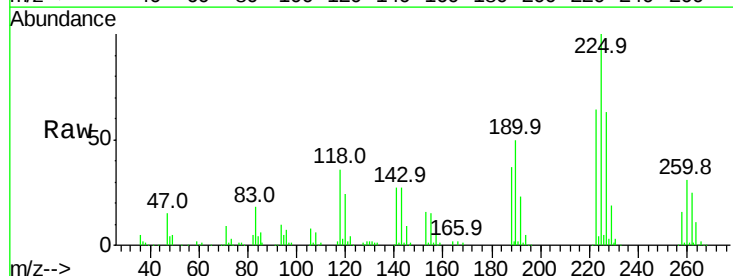
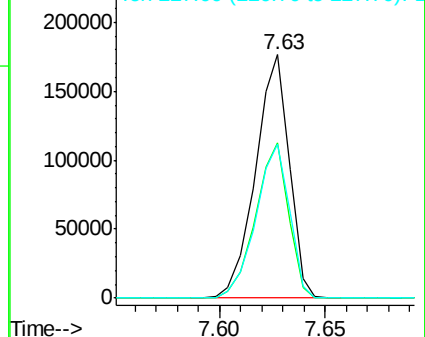
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	48.8	73.2		
227	63.3	51.1	76.7		

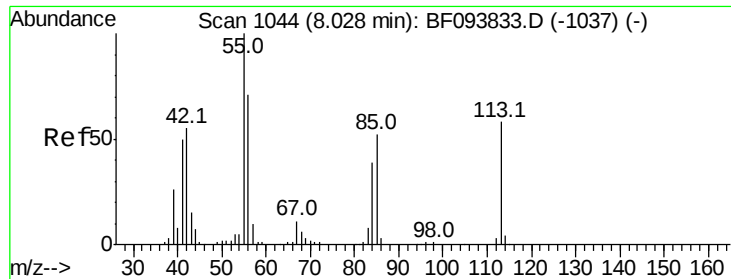
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



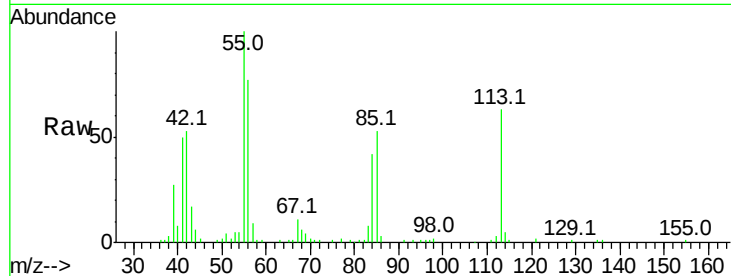


#35
Caprolactam
Concen: 46.67 ng/ml
RT: 7.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.7	150.2	190.2
56	122.5	107.8	147.8

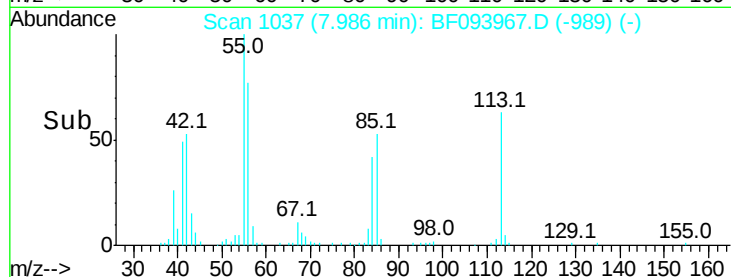
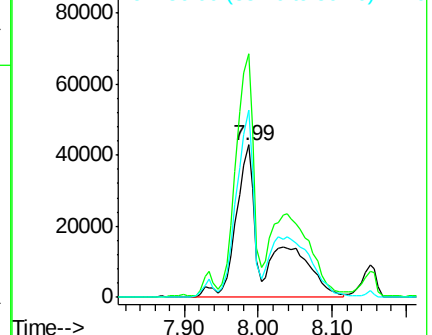
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Abundance Ion 113.00 (112.70 to 113.70): E

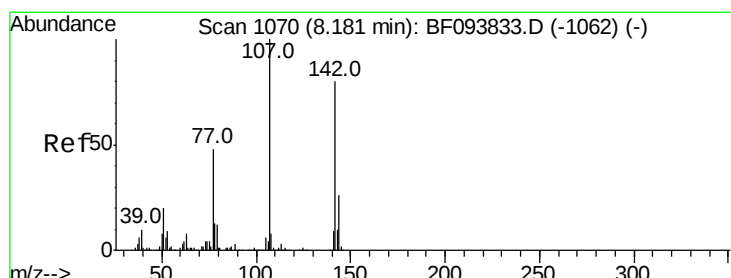
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



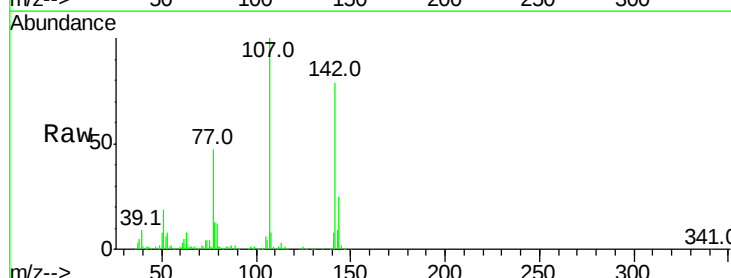
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#36
4-Chloro-3-methylphenol
Concen: 49.68 ng/ml
RT: 8.15 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

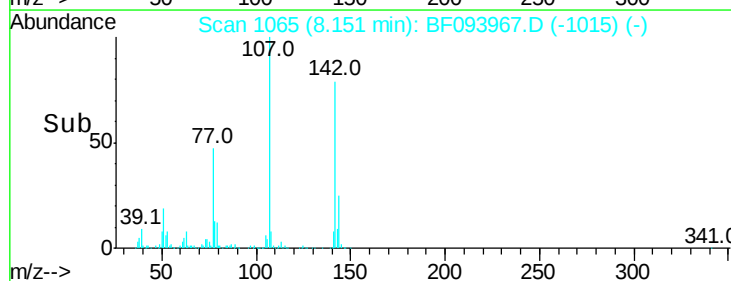
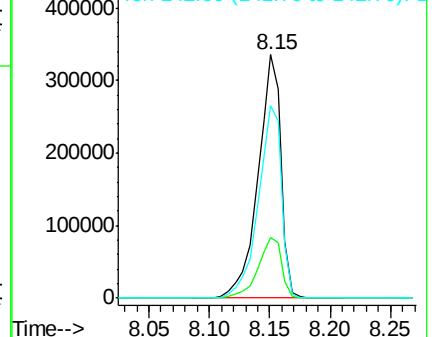
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	24.2	36.4
142	79.3	73.4	110.0

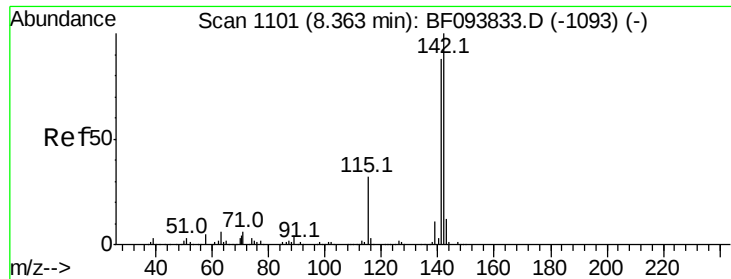


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



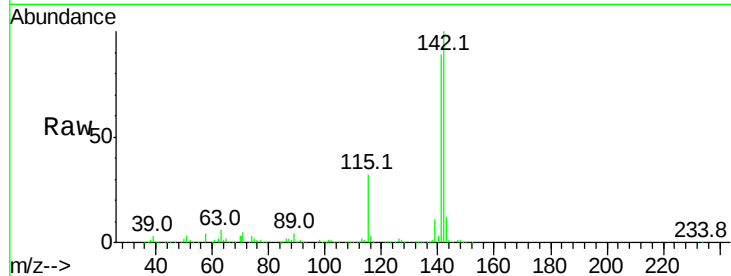


#37
2-Methylnaphthalene
Concen: 51.19 ng
RT: 8.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.1	27.1	40.7

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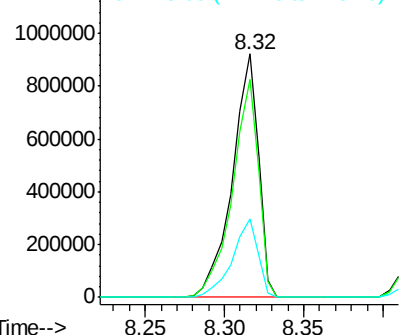


Abundance

Ion 142.00 (141.70 to 142.70): E

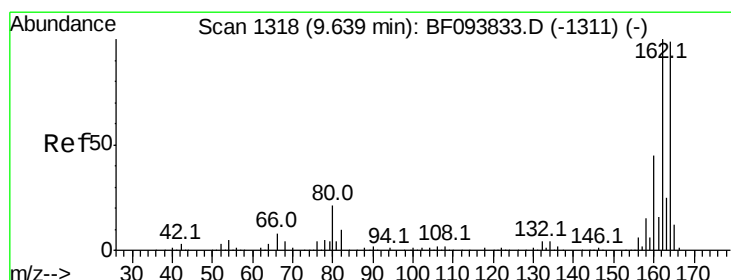
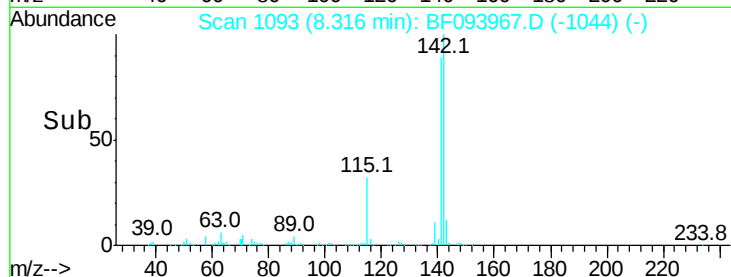
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



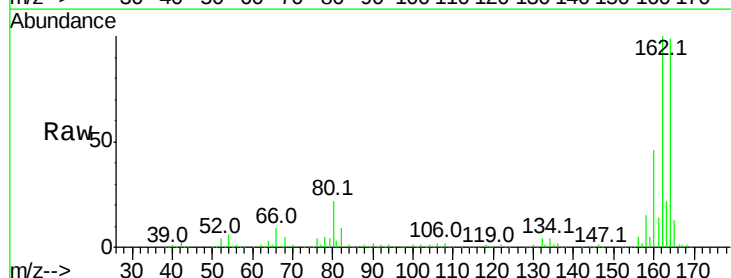
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	46.7	36.2	54.2

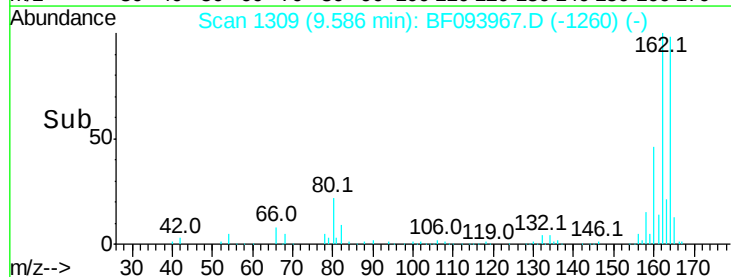
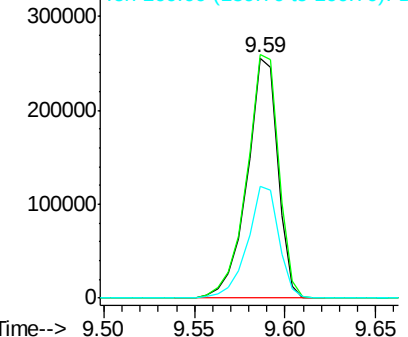


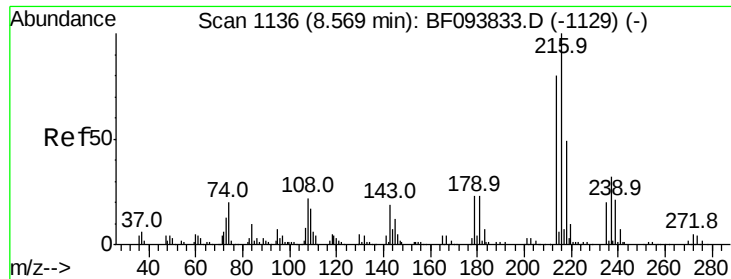
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



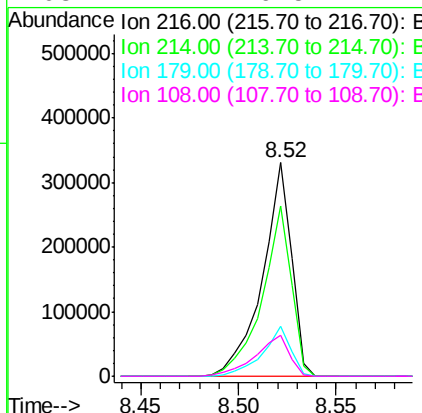
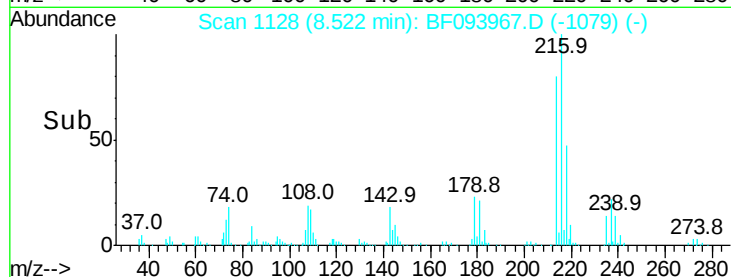
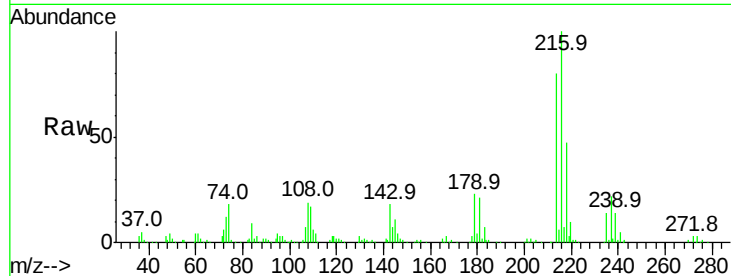


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.43 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

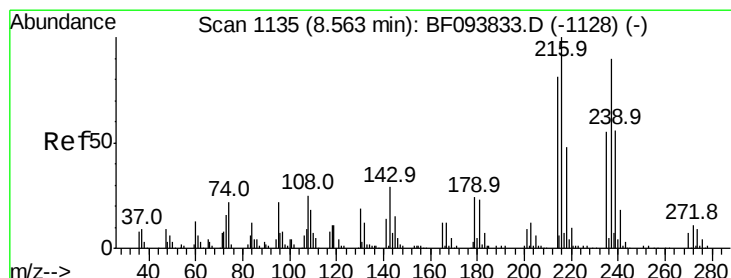
Tot Ion	Ratio	Resp	Lower	Upper
216	100	342021		
214	79.4		63.4	95.2
179	22.4		17.9	26.9
108	22.1		16.5	24.7

Manual Integrations
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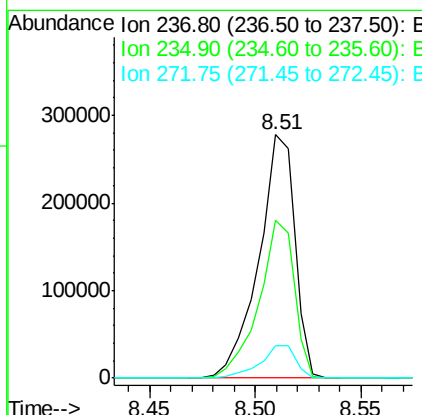
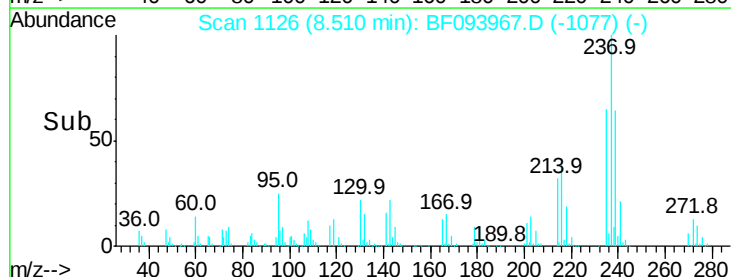
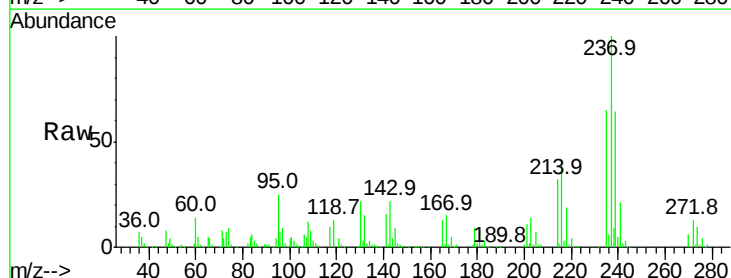
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#40
 Hexachlorocyclopentadiene
 Concen: 85.69 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	331048		
235	64.8		42.6	82.6
272	13.4		0.0	31.9



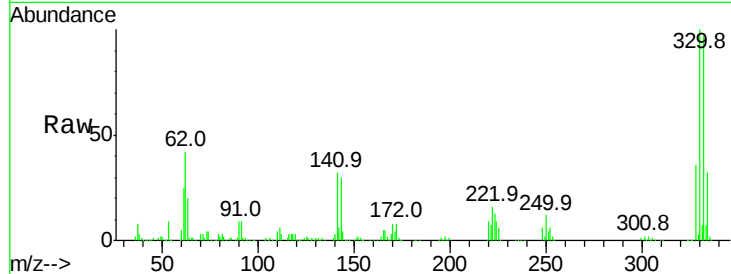


#41
 2,4,6-Tribromophenol
 Concen: 143.31 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

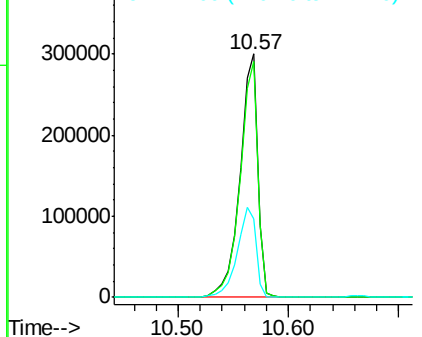
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	39.2	31.4	47.2	

Manual Integrations
 APPROVED

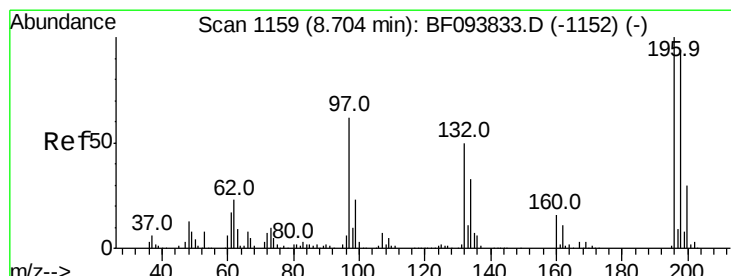
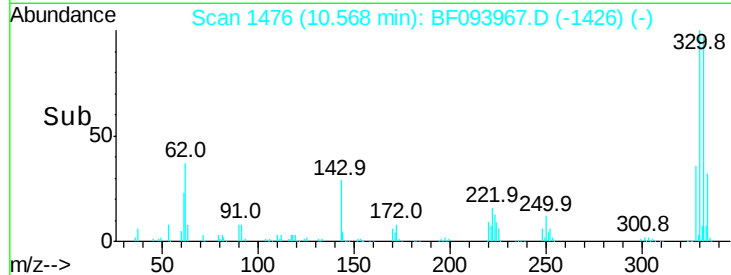


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



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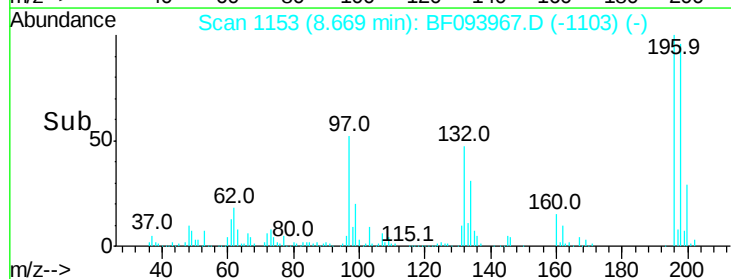
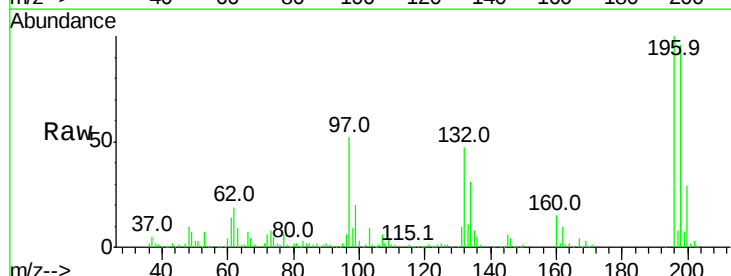
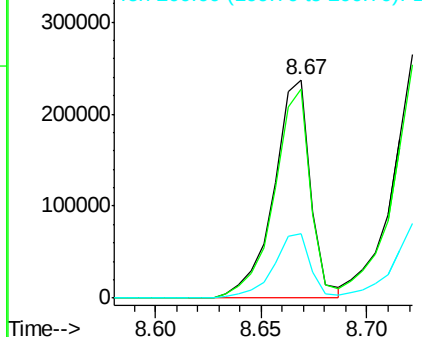
3/28/2017 3:43:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.17 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	74.2	111.4	
200	29.4	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



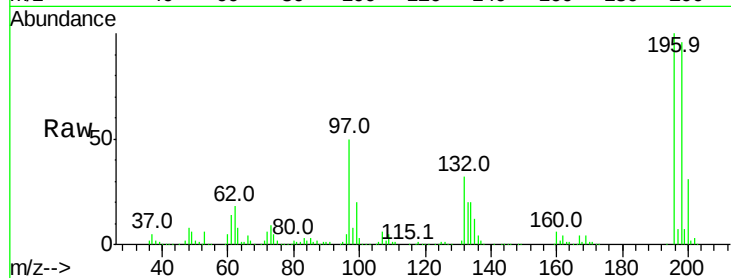


#43
 2,4,5-Trichlorophenol
 Concen: 46.11 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

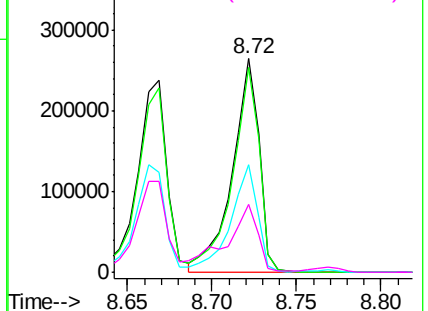
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	196	Resp	291396
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
97	50.2	47.7	71.5
132	31.8	28.0	42.0

Manual Integrations
 APPROVED

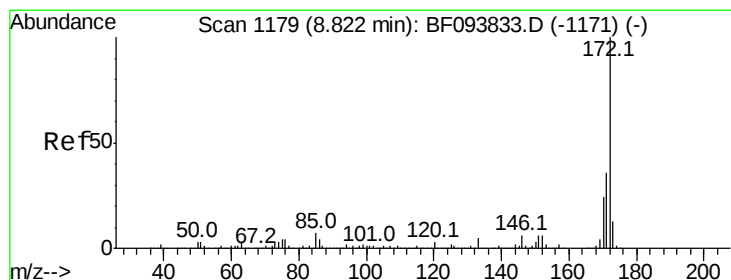
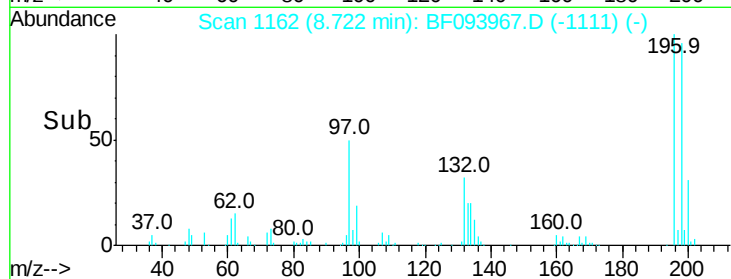


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



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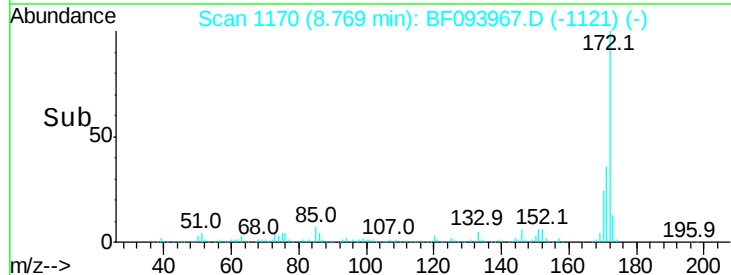
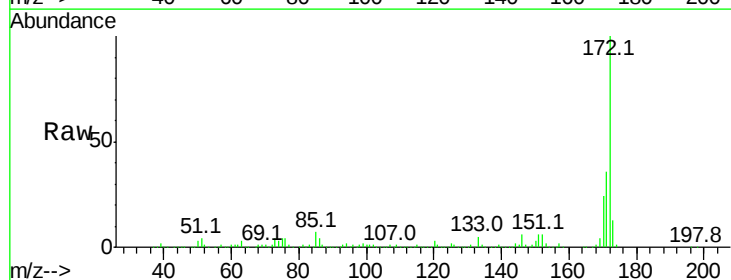
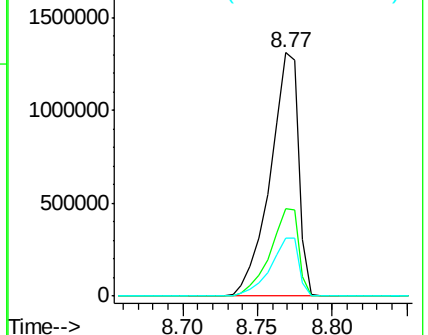
3/28/2017 3:43:23 PM

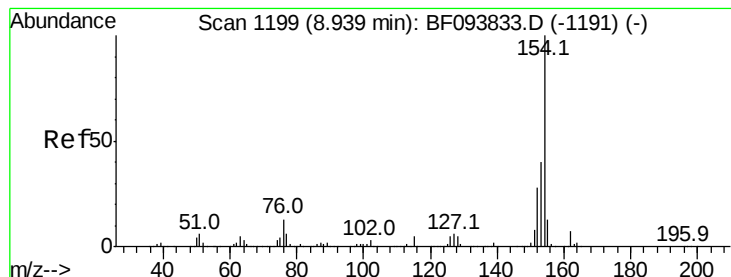


#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	172	Resp	1734815
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.24 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:154 Resp: 1076925

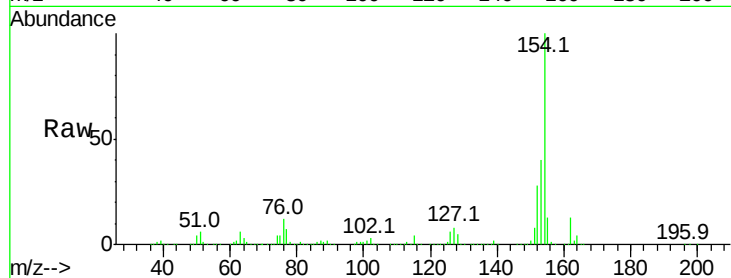
Ion Ratio Lower Upper

154 100

153 40.1 21.2 61.2

76 12.4 0.0 29.9

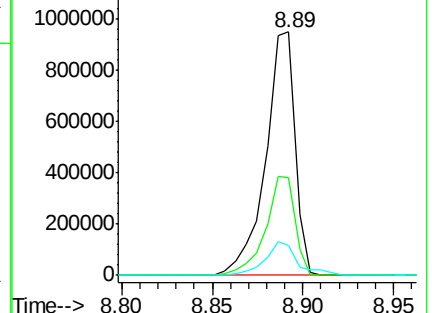
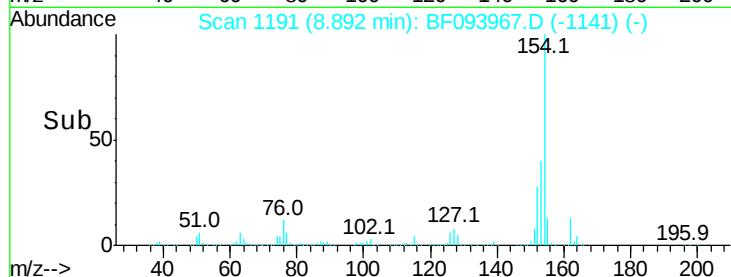
Manual Integrations
APPROVED



Abundance Ion 154.00 (153.70 to 154.70): E

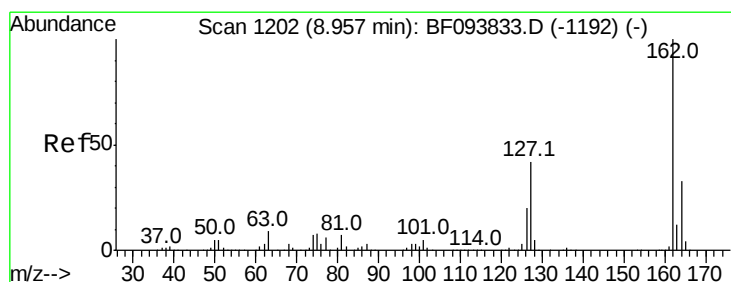
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



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#46

2-Chloronaphthalene

Concen: 44.65 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

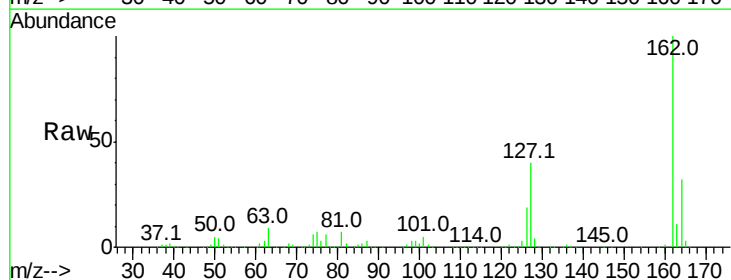
Tgt Ion:162 Resp: 850779

Ion Ratio Lower Upper

162 100

127 40.2 28.3 42.5

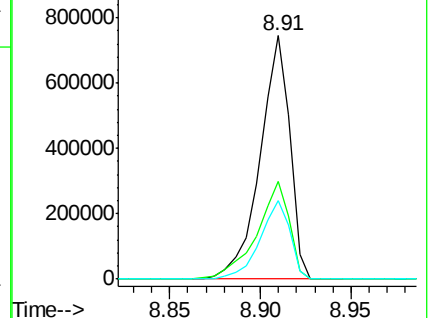
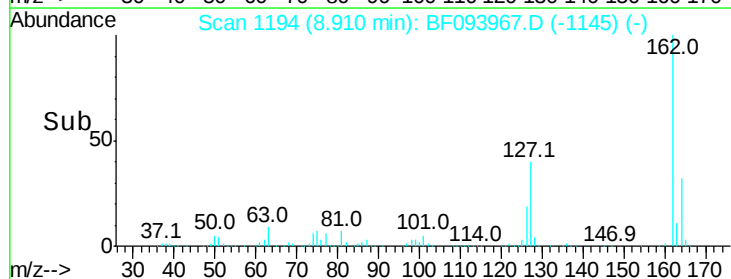
164 32.5 27.0 40.4

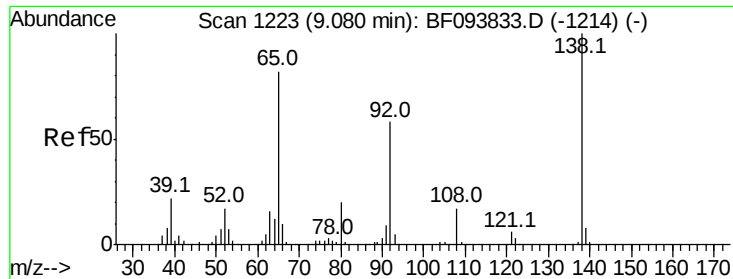


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



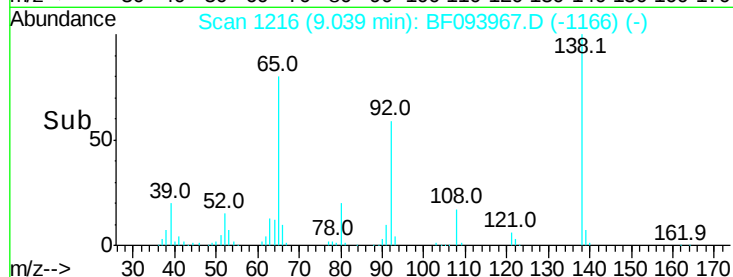
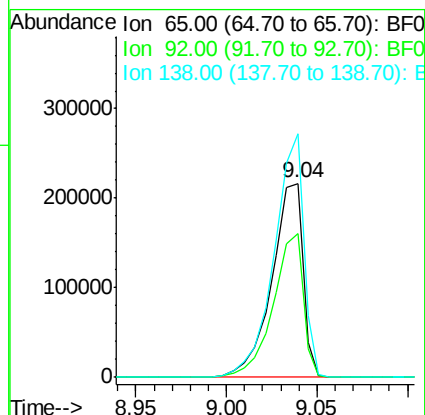
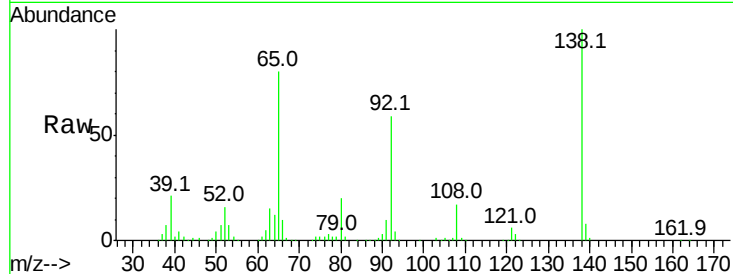


#47
2-Nitroaniline
Concen: 46.00 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

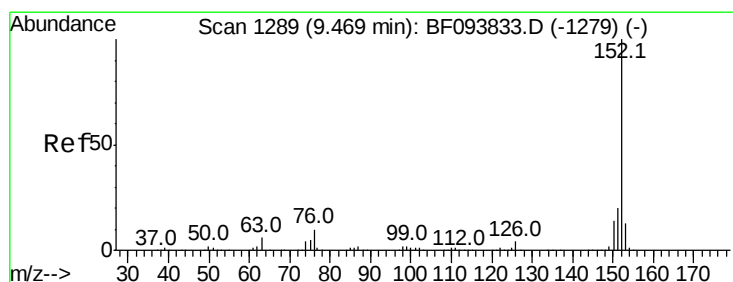
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.2	53.9	80.9
138	125.3	78.8	118.2

Manual Integrations
APPROVED



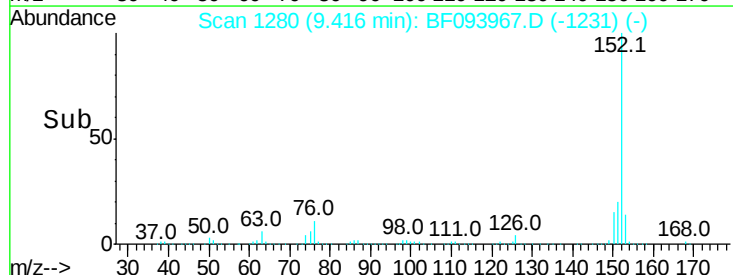
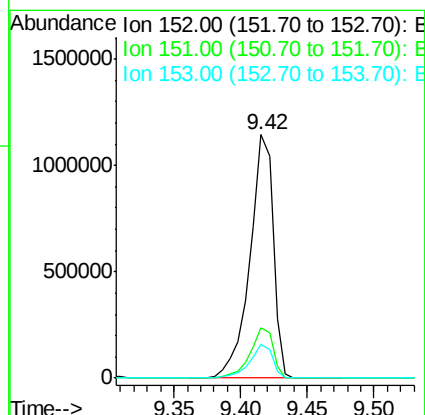
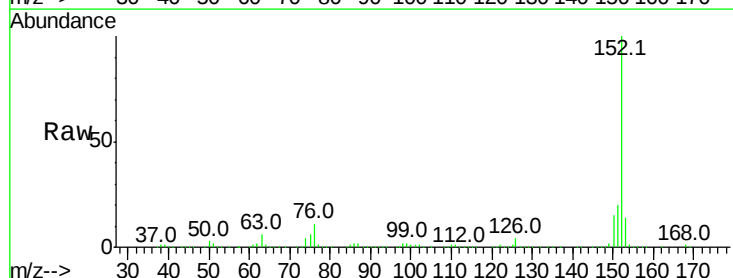
mohammad

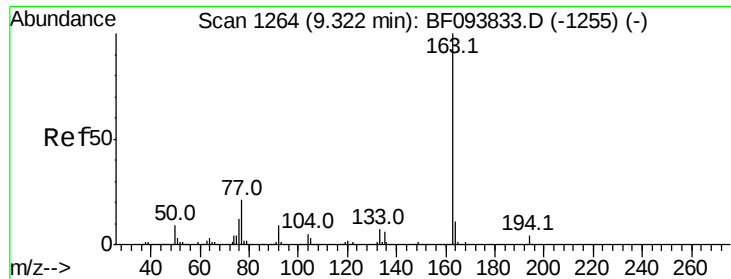
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#48
Acenaphthylene
Concen: 43.19 ng
RT: 9.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.7	10.8	16.2



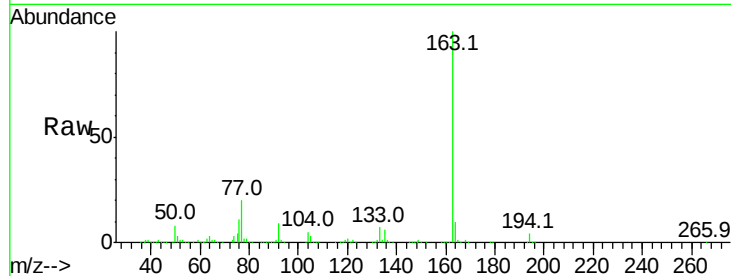


#49
Dimethylphthalate
Concen: 47.73 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6

Manual Integrations
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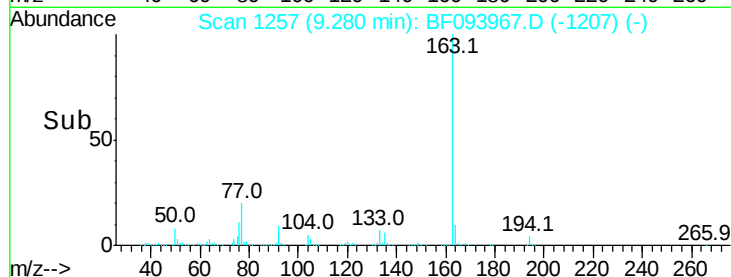
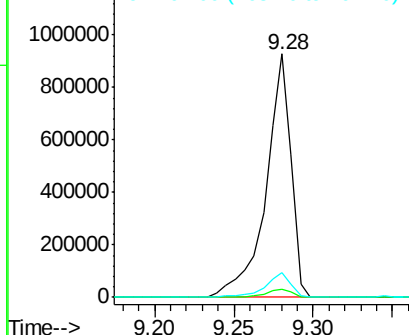


Abundance

Ion 163.00 (162.70 to 163.70): E

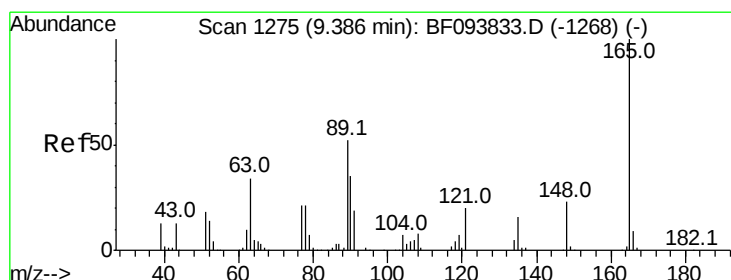
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



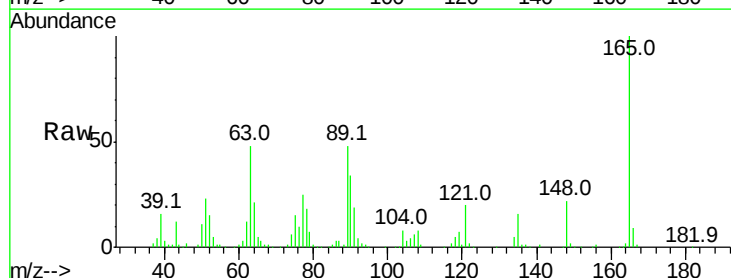
mohammad

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#50
2,6-Dinitrotoluene
Concen: 47.82 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.9	34.3	51.5
89	47.7	37.1	55.7

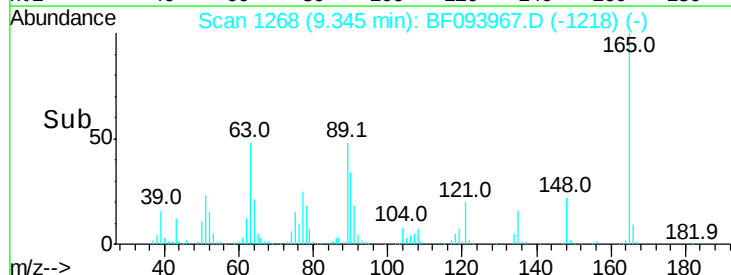
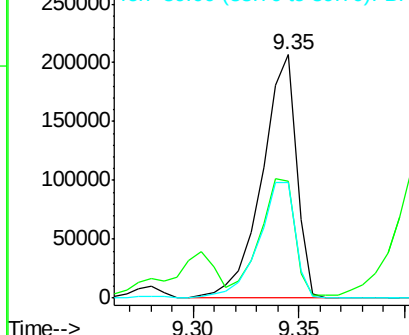


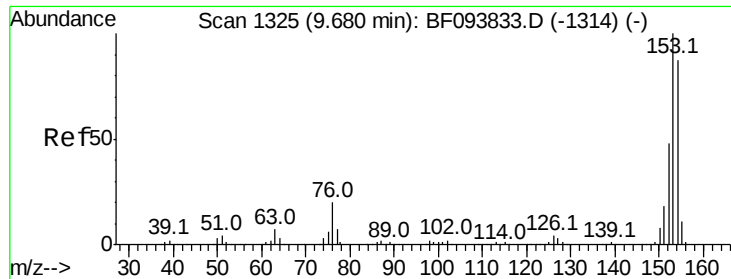
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.40 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

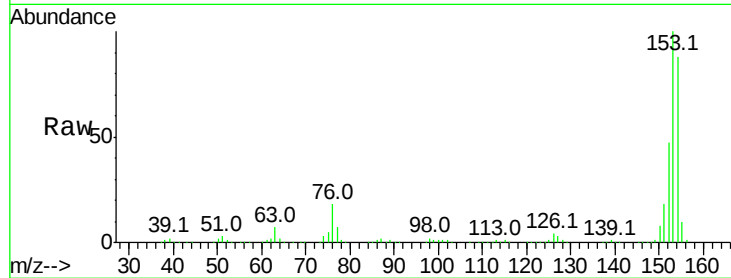
BNA_F

ClientSampleId :

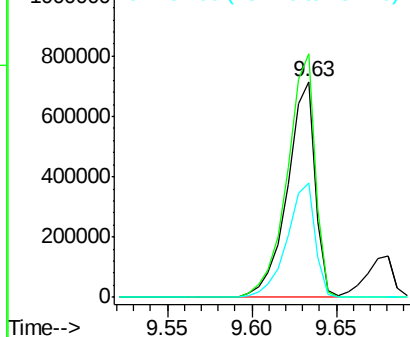
WC-B42-B51-001MS

Tot Ion:	154	Resp:	820414
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	53.2	43.6	65.4

Manual Integrations
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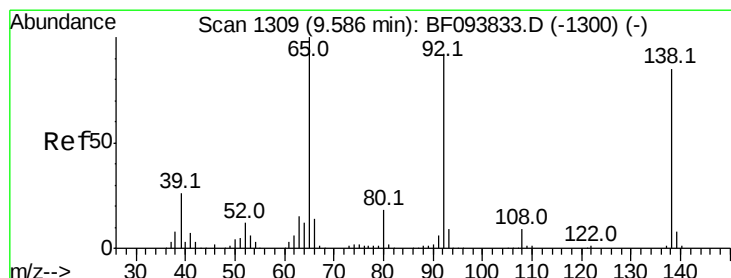
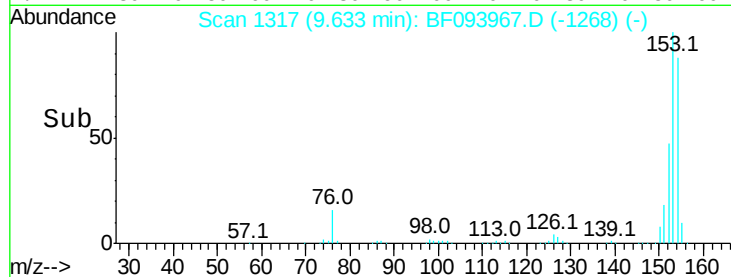


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 13.32 ng

RT: 9.54 min Scan# 1301

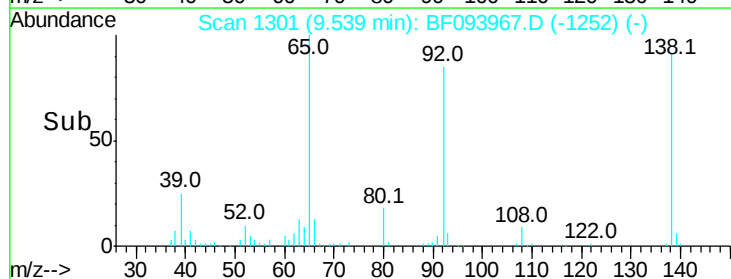
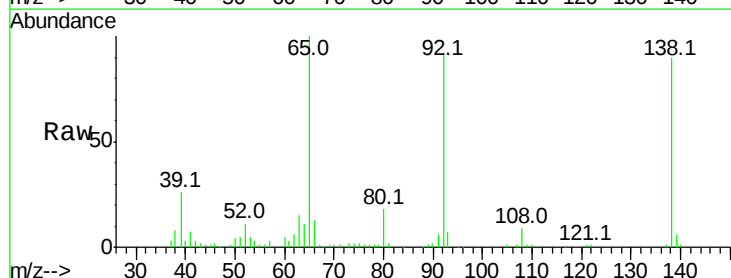
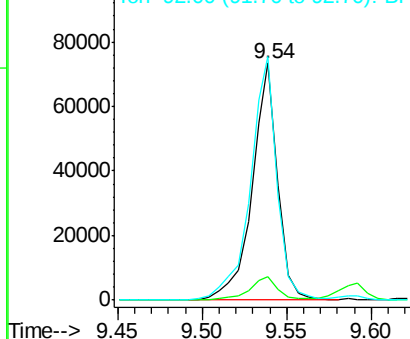
Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	138	Resp:	76910
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.1	13.7
92	102.7	93.8	140.6

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



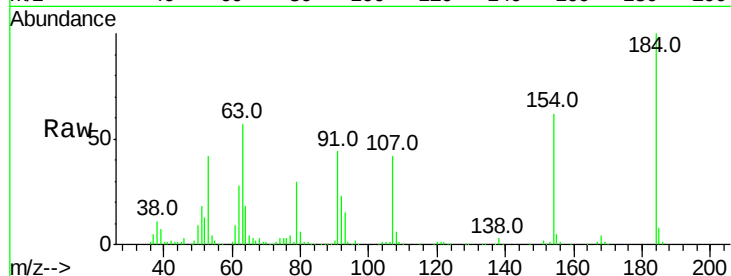


#53
 2,4-Dinitrophenol
 Concen: 94.91 ng
 RT: 9.68 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

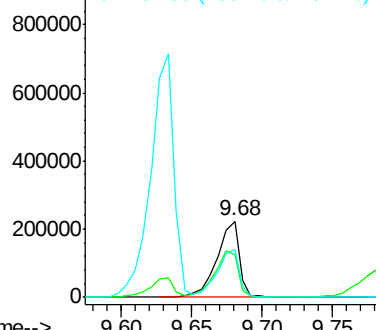
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.7	62.7	94.1#
154	62.1	81.1	121.7#

Manual Integrations
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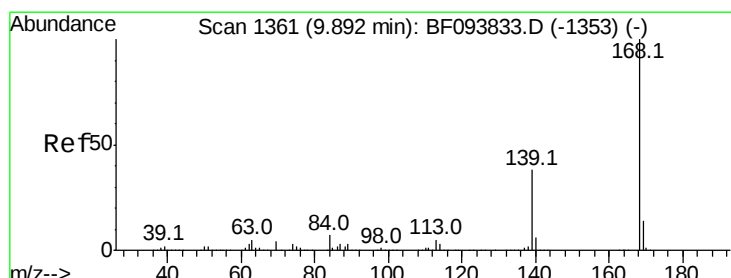
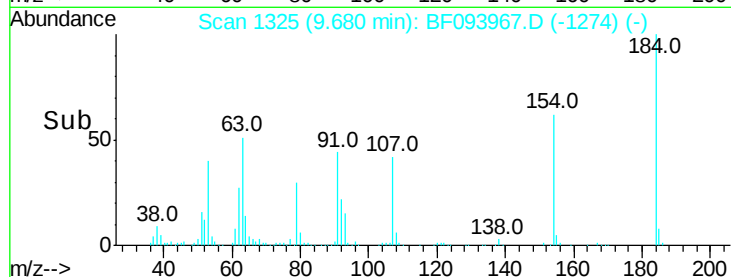


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E



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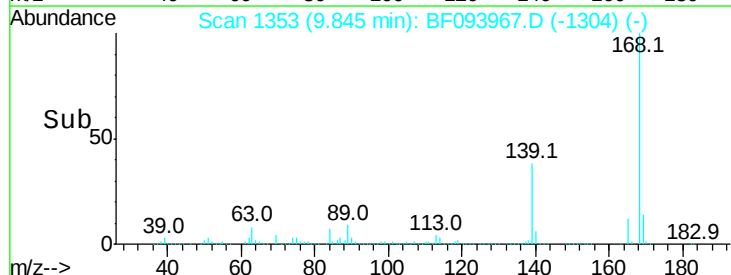
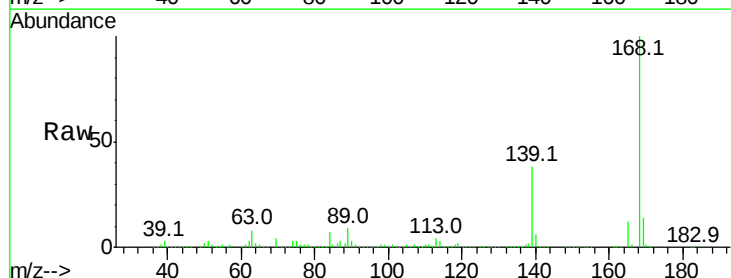
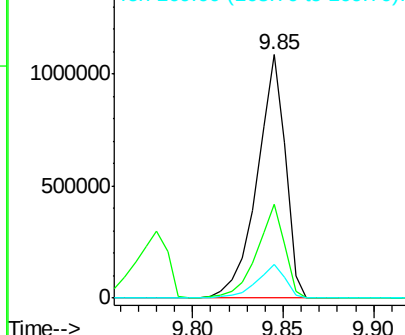
3/28/2017 3:43:23 PM

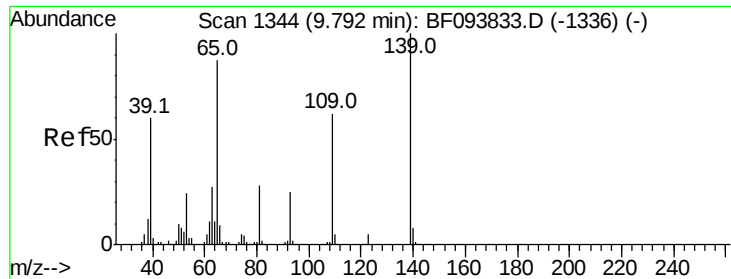


#54
 Dibenzofuran
 Concen: 46.87 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	13.9	10.8	16.2

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 84.08 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:139 Resp: 380227

Ion Ratio Lower Upper

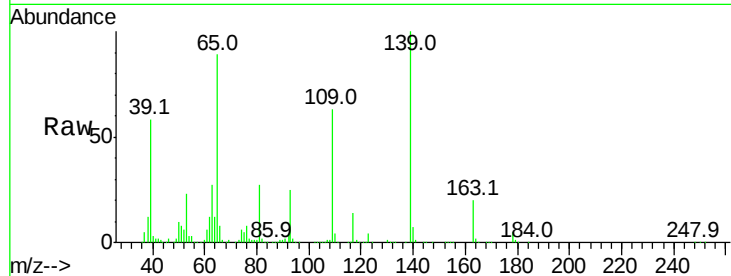
139 100

109 63.3 34.1 74.1

65 88.5 31.4 71.4#

Manual Integrations

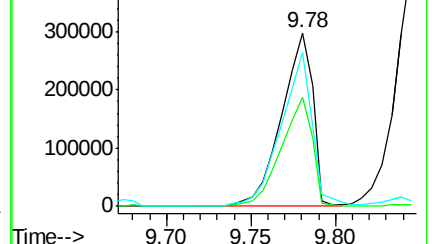
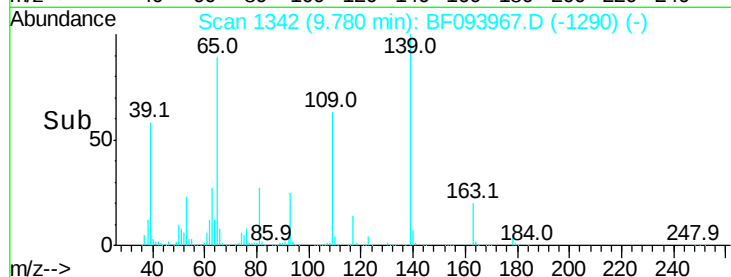
APPROVED



Abundance Ion 139.00 (138.70 to 139.70): E

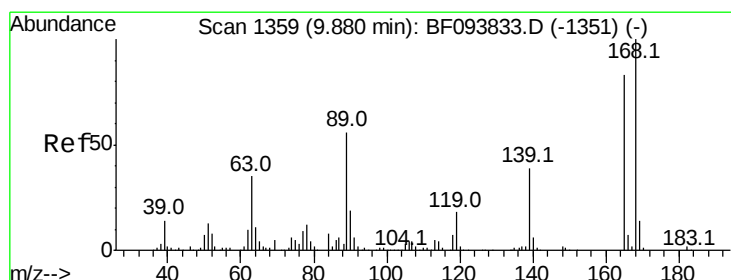
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



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#56

2,4-Dinitrotoluene

Concen: 47.02 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:165 Resp: 290445

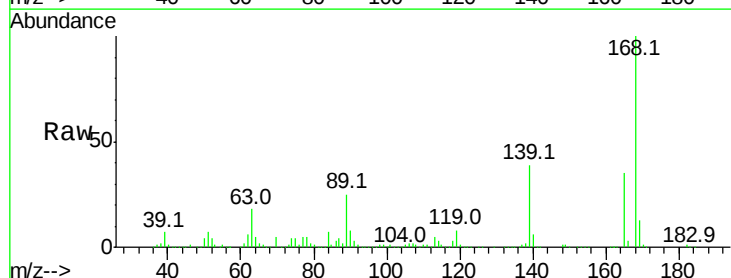
Ion Ratio Lower Upper

165 100

63 53.2 25.4 38.0#

89 73.6 46.4 69.6#

182 2.4 1.8 2.6

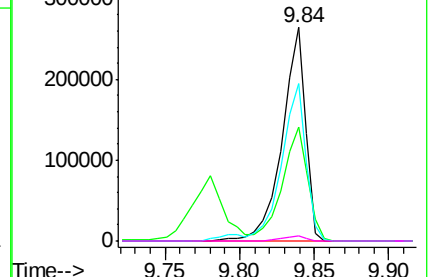
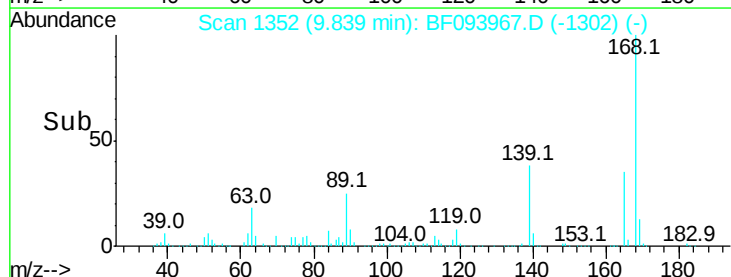


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



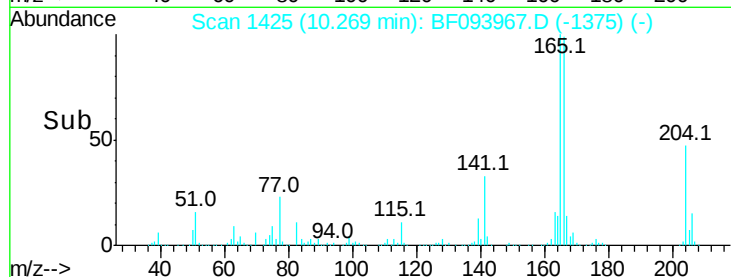
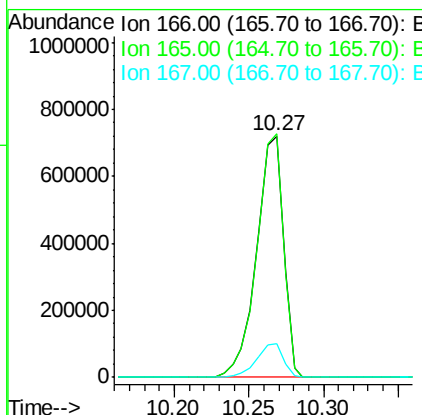
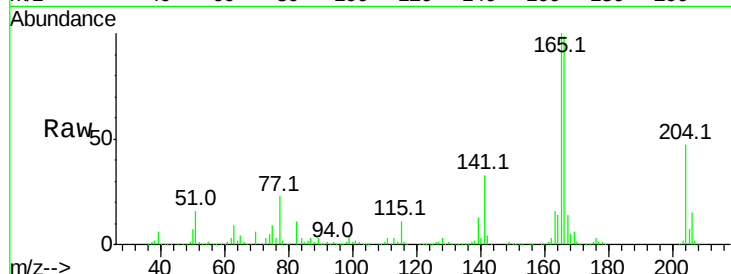


#57
Fluorene
 Concen: 42.98 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

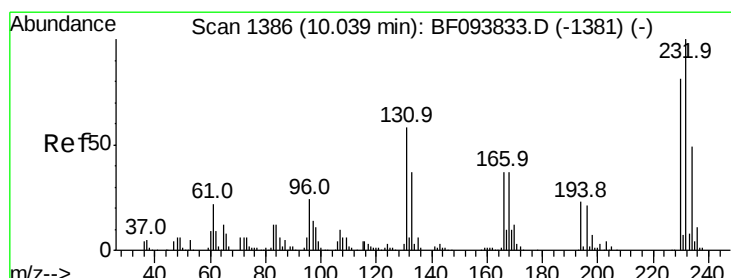
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.8	78.8	118.2	
167	14.0	10.6	16.0	

Manual Integrations
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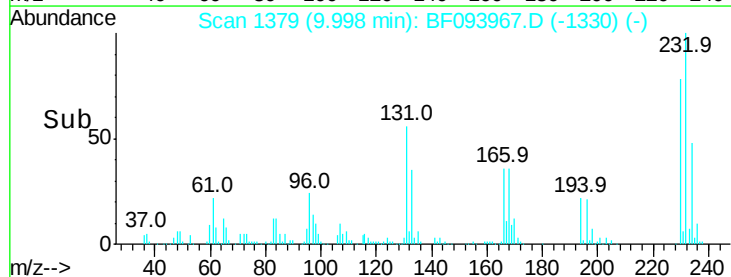
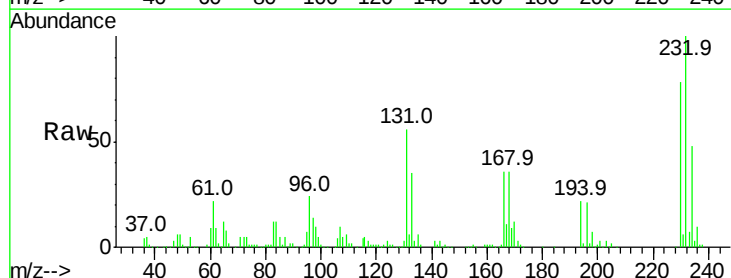
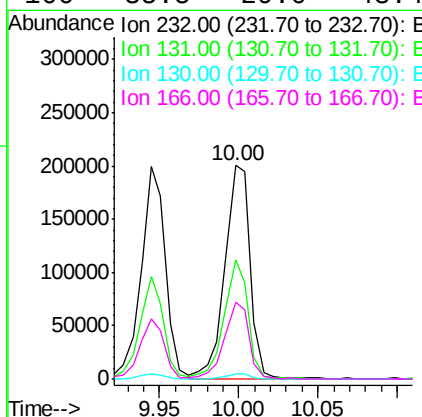
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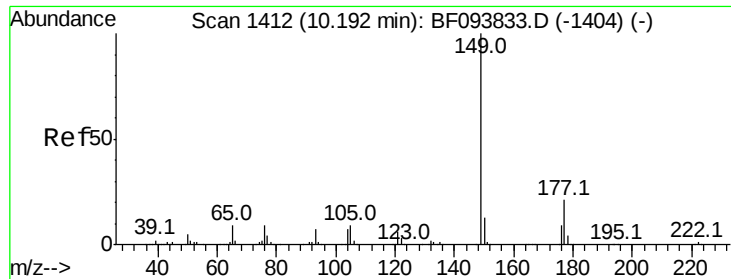
3/28/2017 3:43:23 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.81 ng
 RT: 10.00 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.5	44.8	67.2	
130	2.5	2.3	3.5	
166	35.5	29.0	43.4	



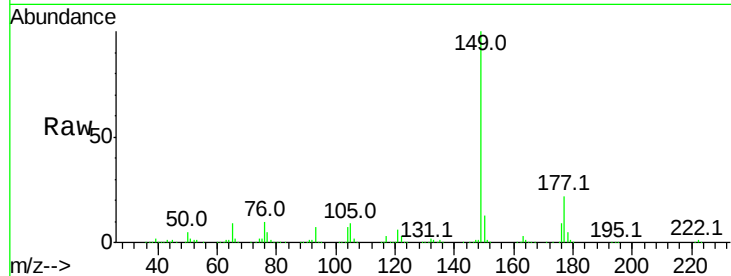


#59
Diethylphthalate
Concen: 46.82 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

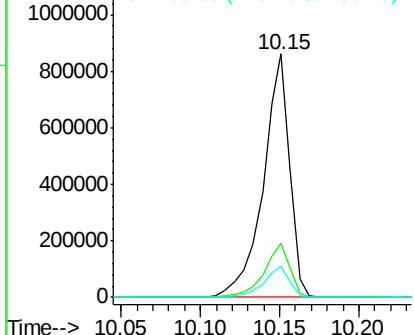
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.7	25.1
150	12.6	10.2	15.2

Manual Integrations
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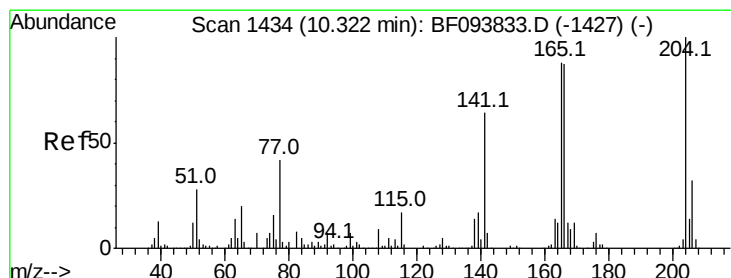
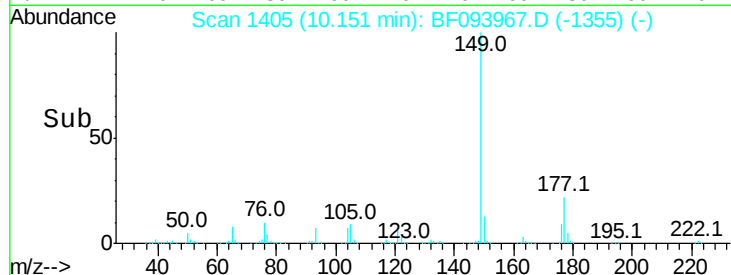


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



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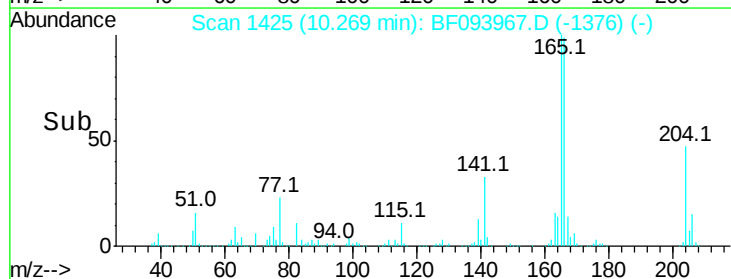
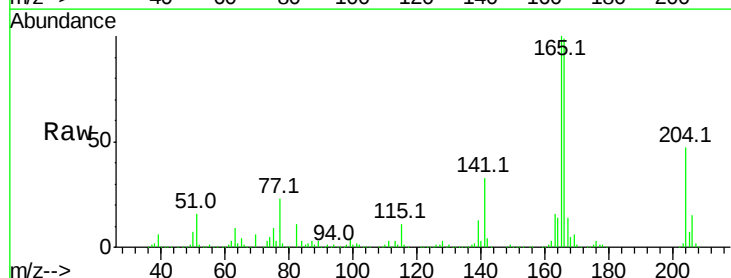
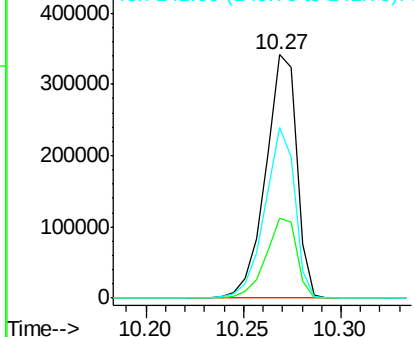
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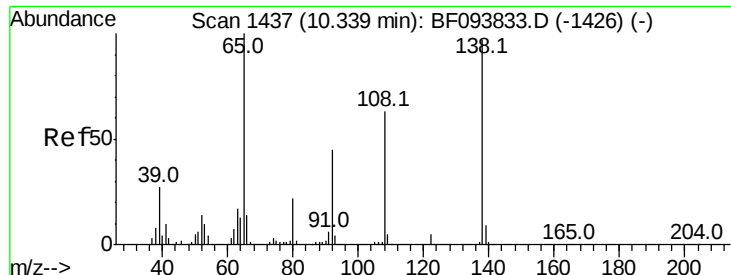


#60
4-Chlorophenyl-phenylether
Concen: 42.55 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	70.0	60.8	91.2

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



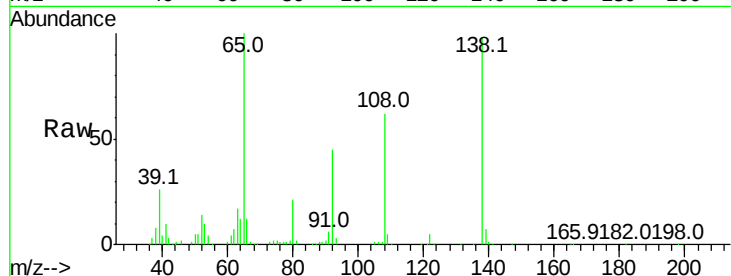


#61
4-Nitroaniline
Concen: 36.08 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

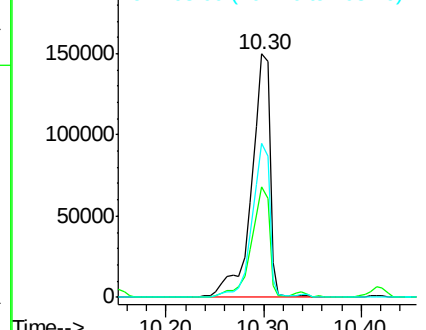
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	63.4	42.3	82.3

Manual Integrations
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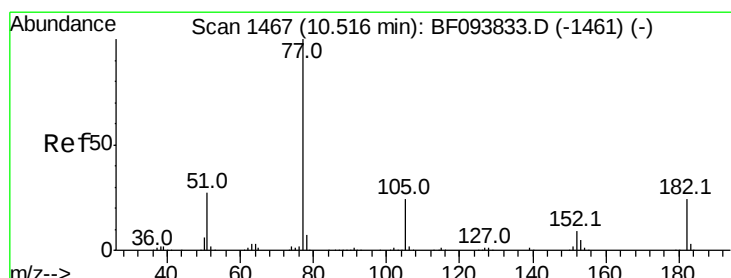
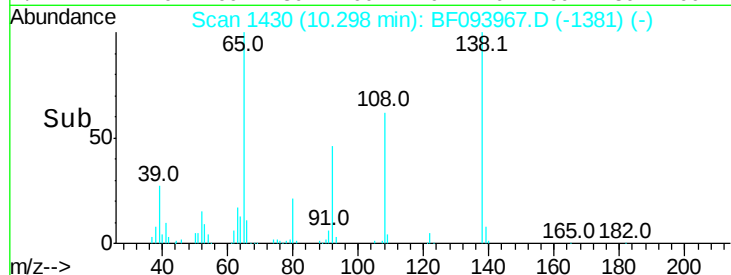


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



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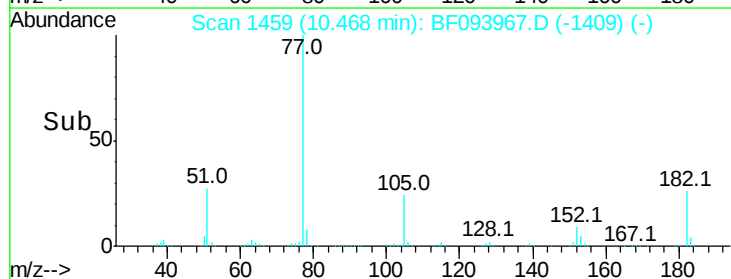
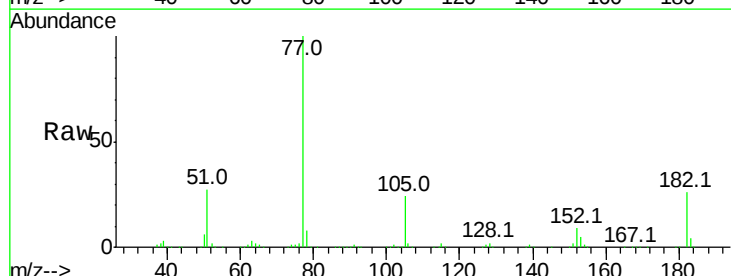
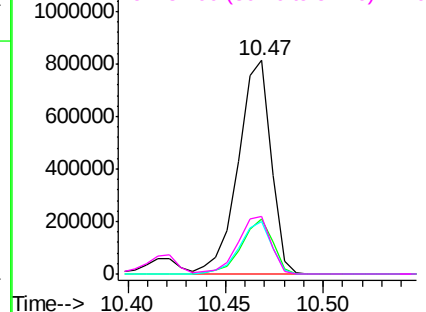
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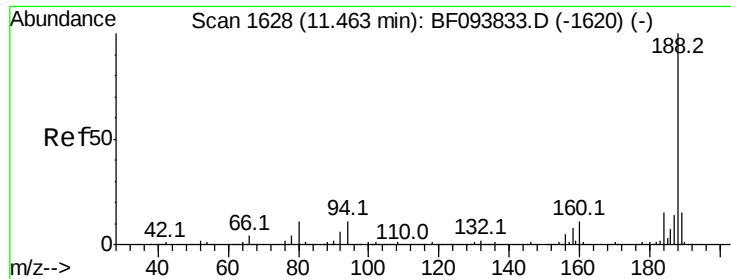


#62
Azobenzene
Concen: 47.18 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	0.1	40.1
105	24.3	3.6	43.6
51	27.2	9.4	49.4

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

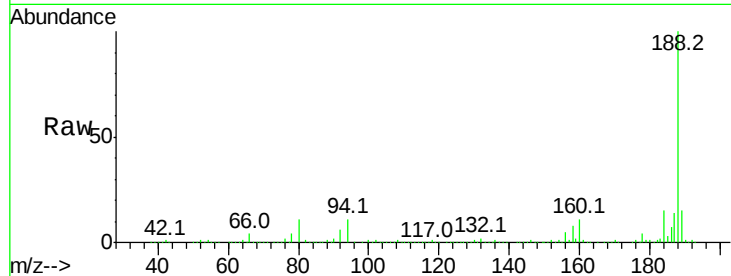
BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:	188	Resp:	541572
Ion Ratio	Lower	Upper	
188	100		
94	10.9	9.4	14.2
80	11.2	10.2	15.2

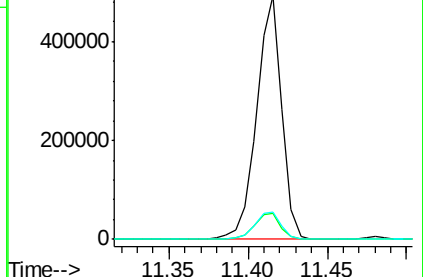
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

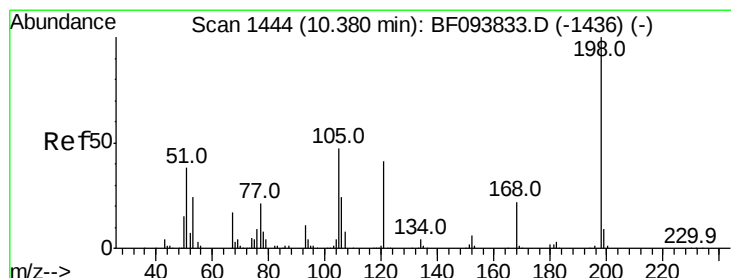
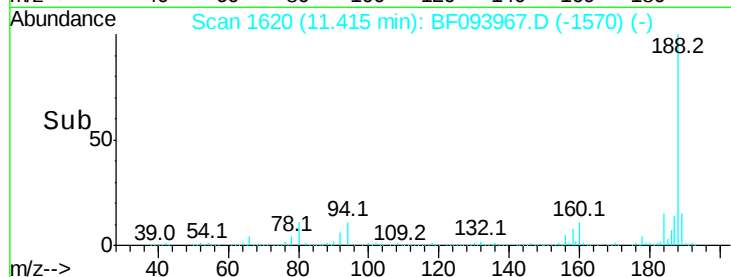
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



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#64

4,6-Dinitro-2-methylphenol

Concen: 49.87 ng

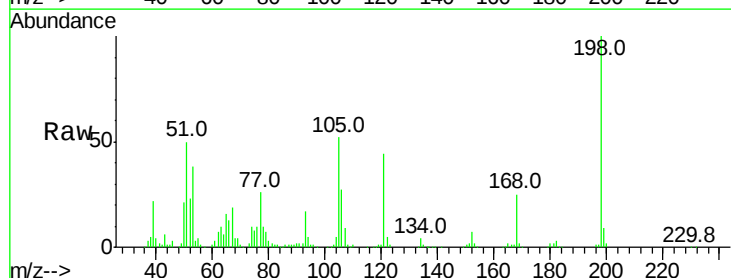
RT: 10.34 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

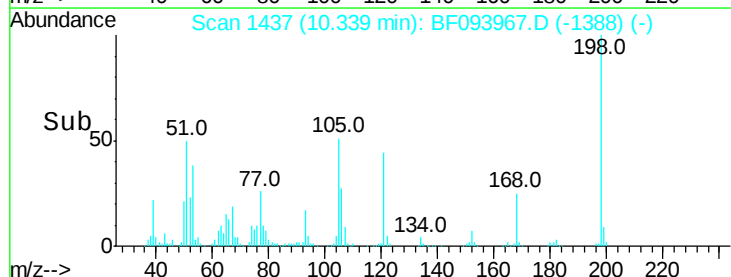
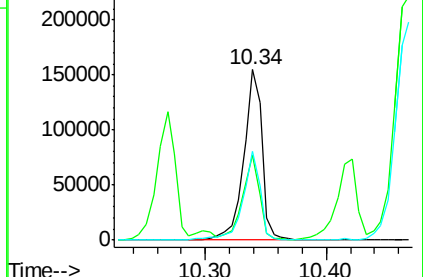
Tgt Ion:	198	Resp:	165396
Ion Ratio	Lower	Upper	
198	100		
51	49.6	53.2	93.2#
105	51.7	45.8	85.8

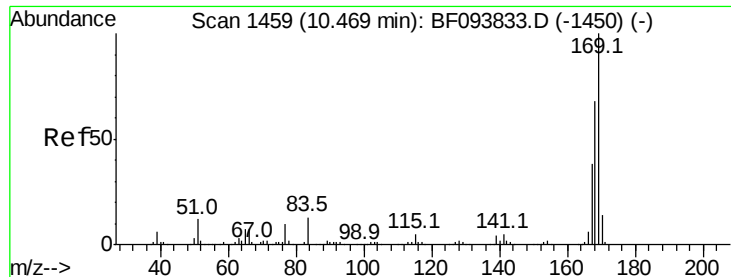


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.96 ng

RT: 10.42 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:169 Resp: 654700

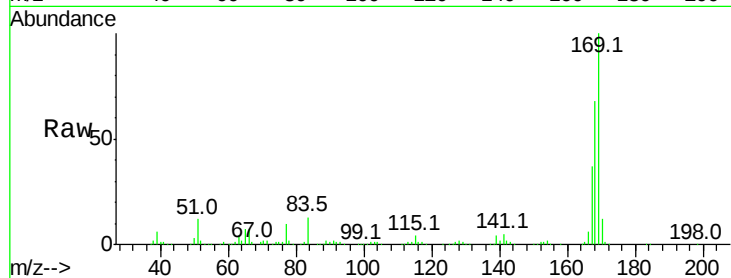
Ion Ratio Lower Upper

169 100

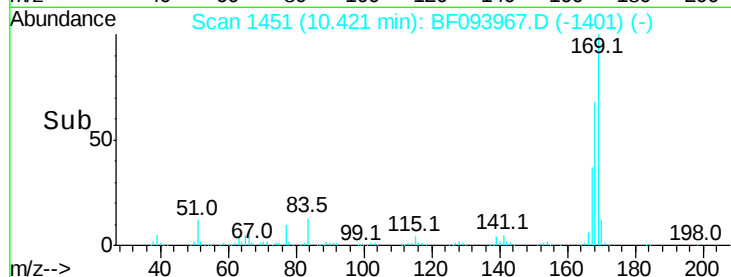
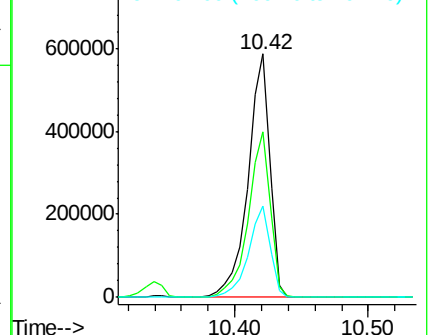
168 68.1 53.2 79.8

167 37.4 29.5 44.3

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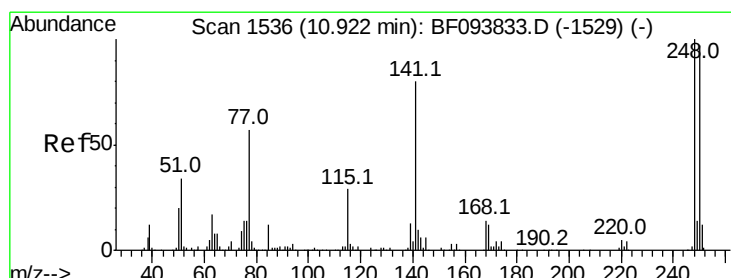


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 45.72 ng

RT: 10.87 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

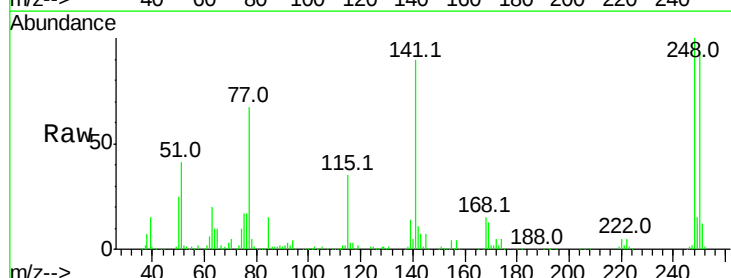
Tgt Ion:248 Resp: 243506

Ion Ratio Lower Upper

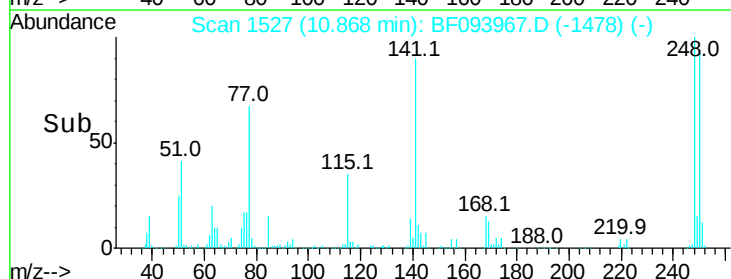
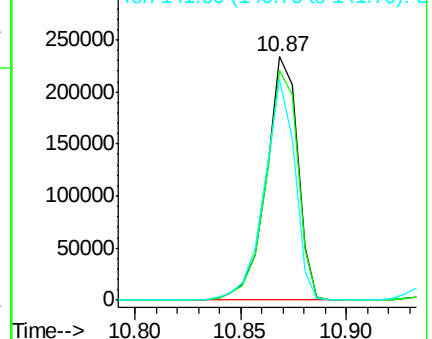
248 100

250 94.3 76.8 115.2

141 90.5 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.03 ng

RT: 10.94 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

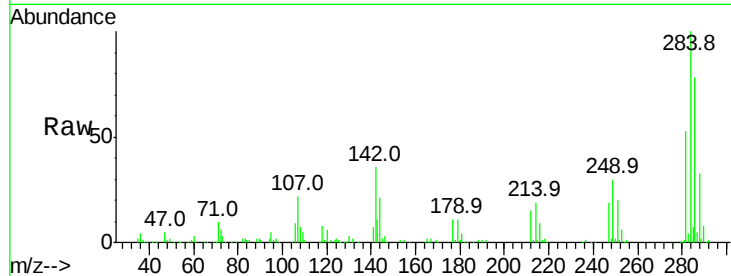
BNA_F

ClientSampleId :

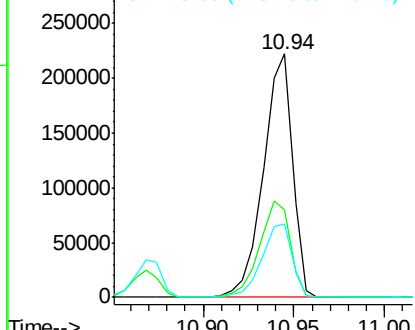
WC-B42-B51-001MS

Tot Ion:	284	Resp:	248214
Ion Ratio	Lower	Upper	
284	100		
142	36.0	22.8	34.2#
249	30.3	24.0	36.0

Manual Integrations
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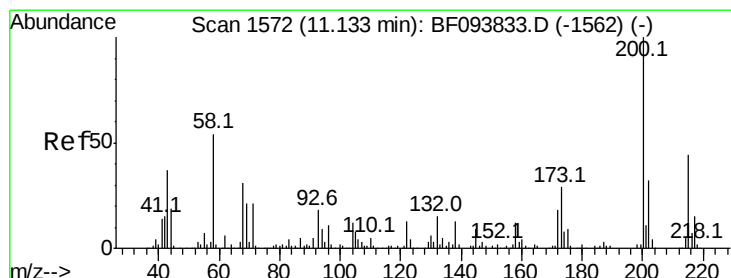
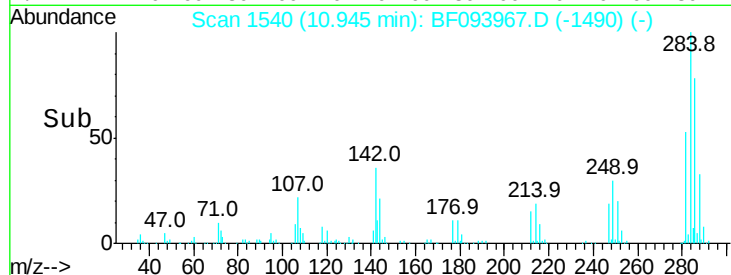


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



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#68

Atrazine

Concen: 13.91 ng

RT: 11.09 min Scan# 1564

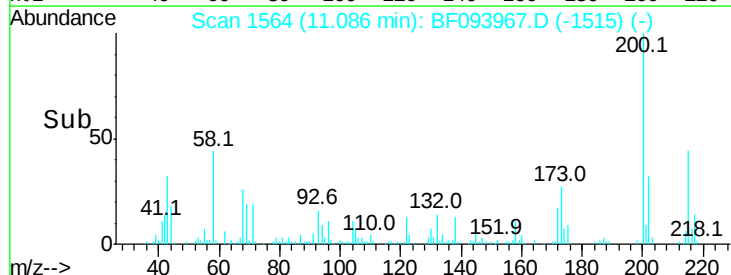
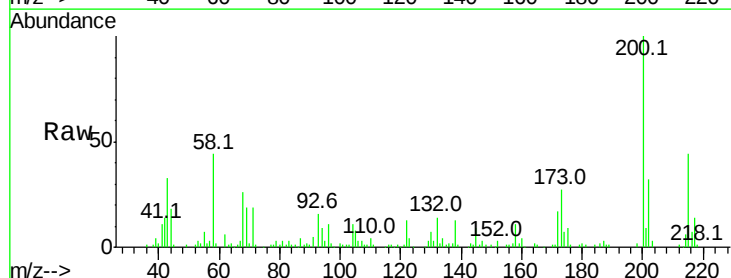
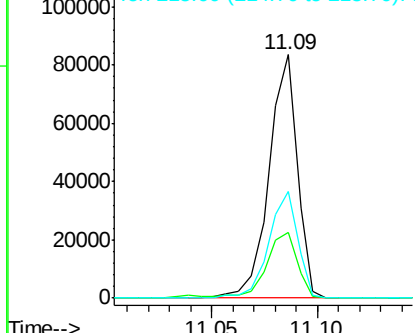
Delta R.T. -0.01 min

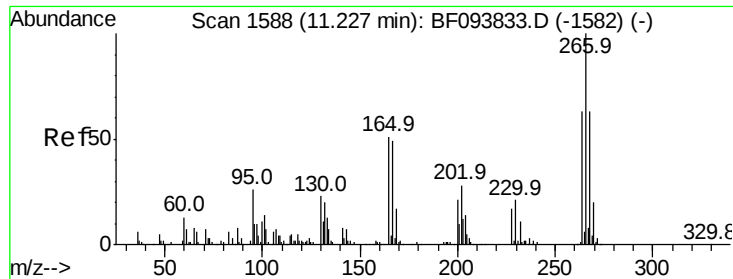
Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	200	Resp:	78029
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.3	46.3
215	43.6	27.2	67.2

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



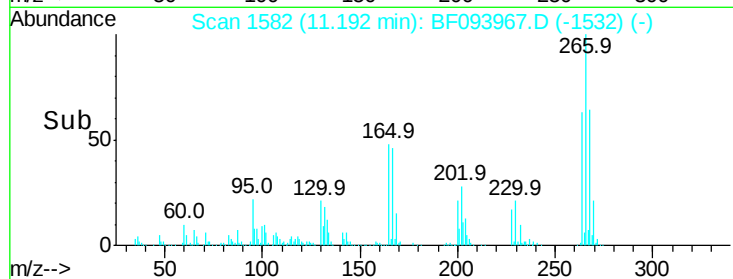
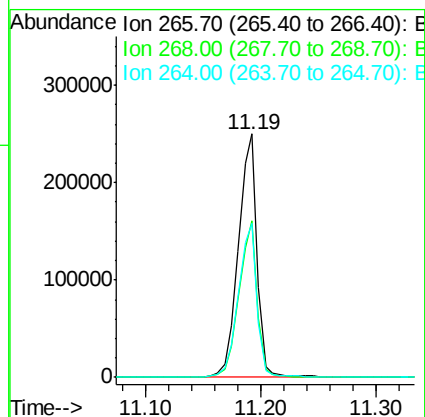
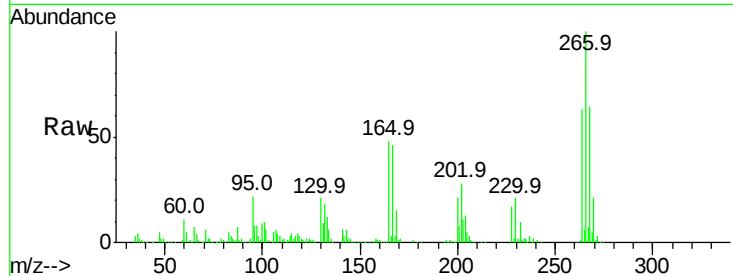


#69
 Pentachlorophenol
 Concen: 83.73 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

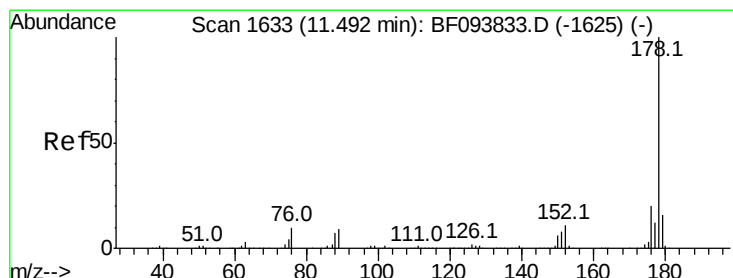
Tot Ion	Ratio	Resp	Lower	Upper
266	100	281001		
268	64.3	51.1	76.7	
264	63.4	51.7	77.5	

Manual Integrations
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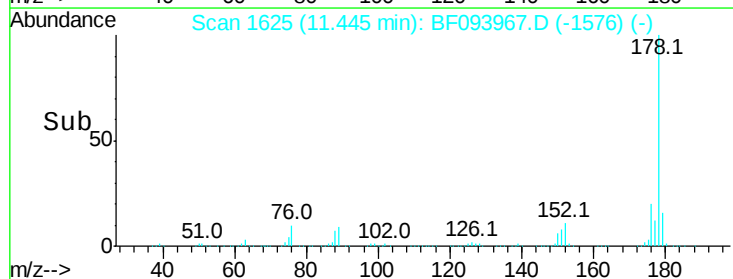
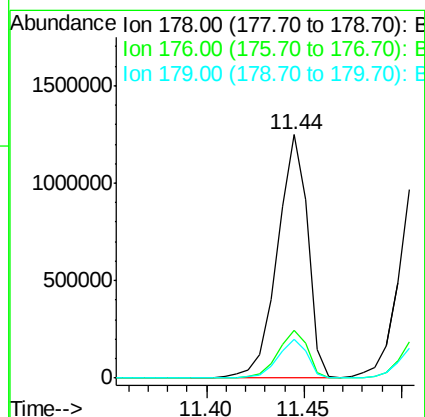
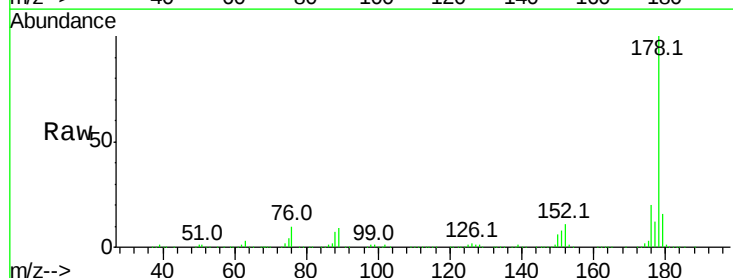
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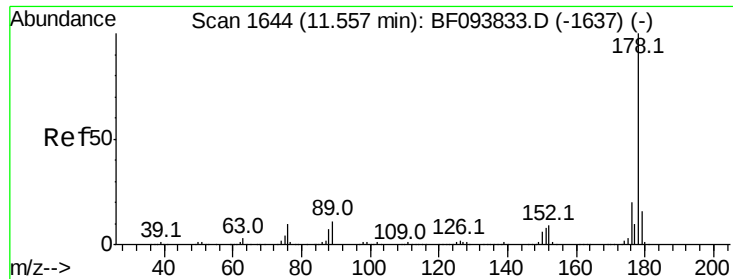
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#70
 Phenanthrene
 Concen: 44.55 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1342230		
176	19.8	16.2	24.4	
179	15.8	12.6	19.0	





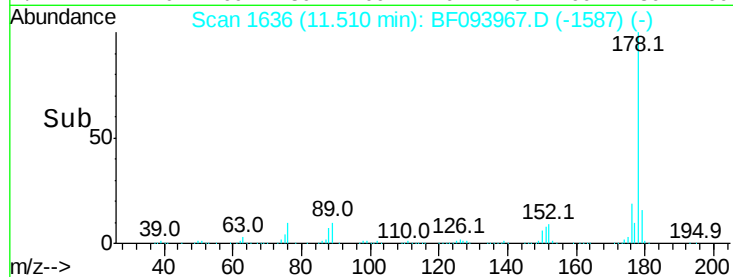
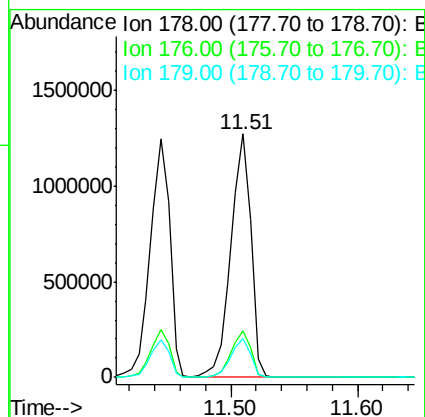
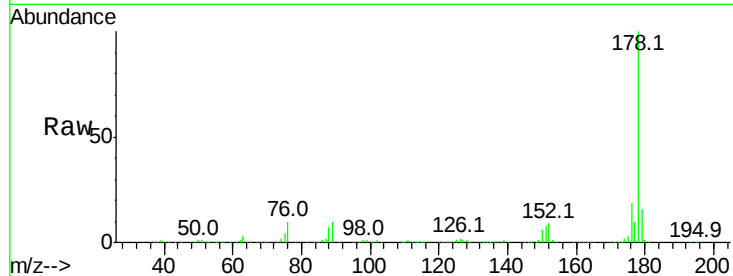
#71
 Anthracene
 Concen: 44.58 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:178 Resp: 1382979

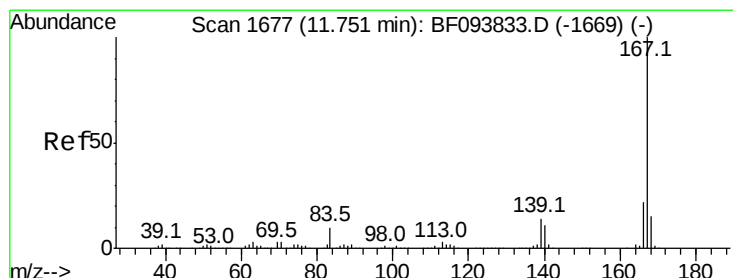
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.8	12.7	19.1

Manual Integrations
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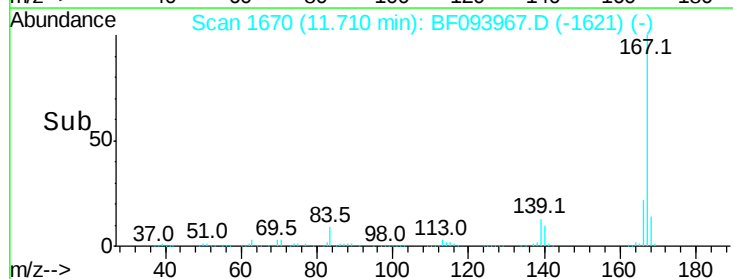
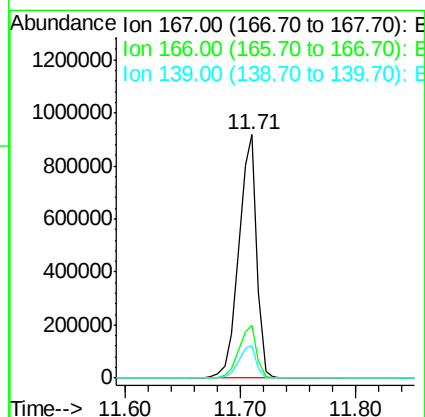
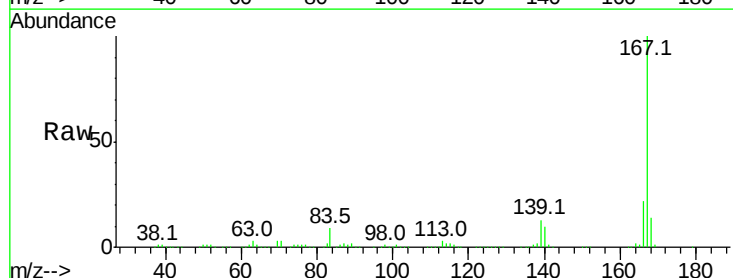
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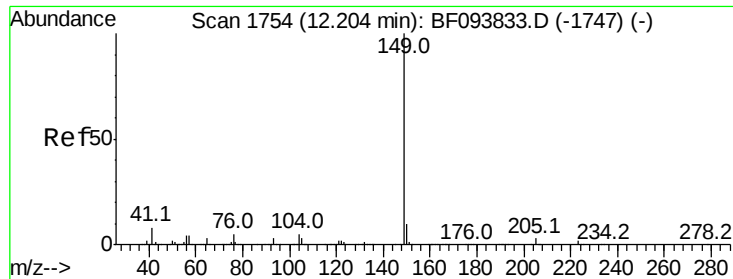


#72
 Carbazole
 Concen: 30.71 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion:167 Resp: 976980

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.3	11.7	17.5



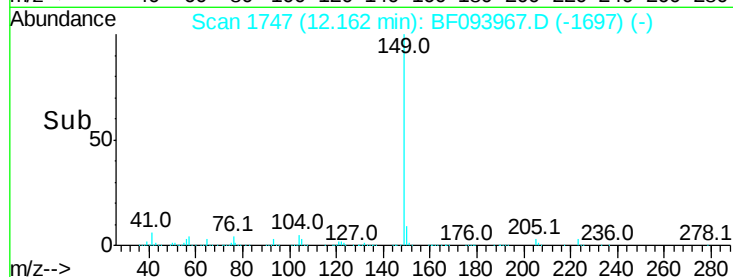
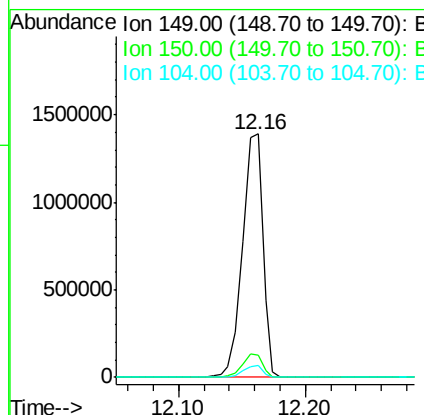
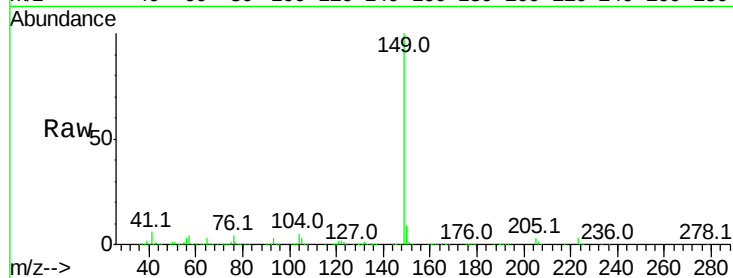


#73
Di-n-butylphthalate
Concen: 46.59 ng
RT: 12.16 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

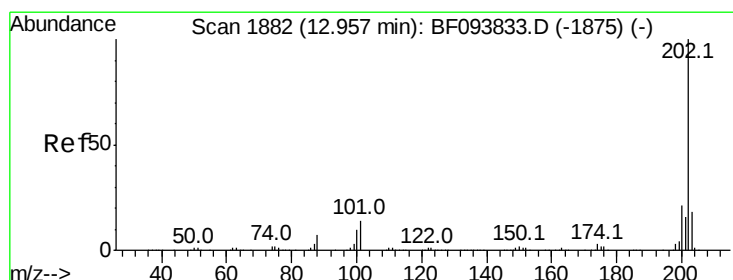
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.7	4.0	6.0

Manual Integrations
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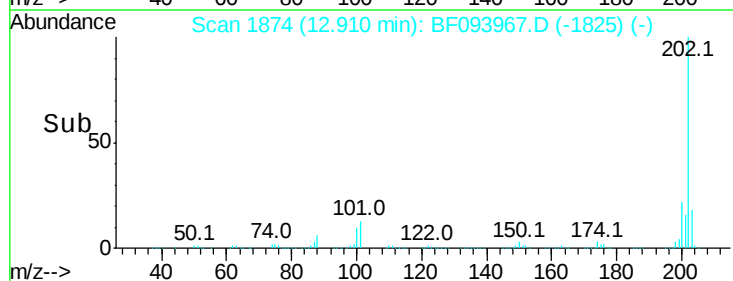
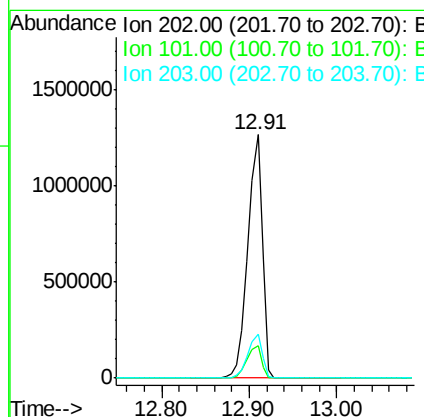
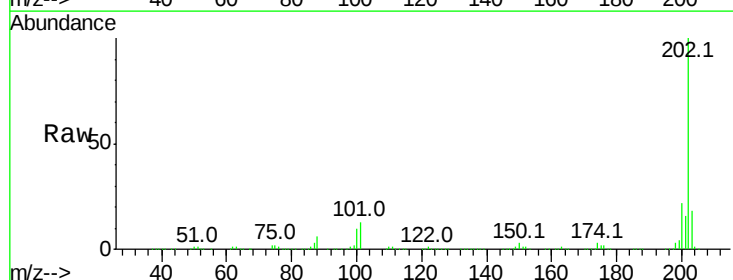
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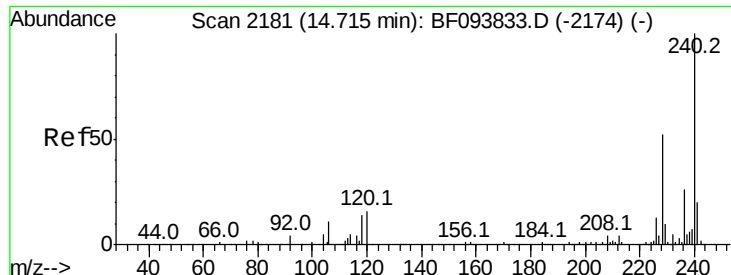
3/28/2017 3:43:23 PM



#74
Fluoranthene
Concen: 44.84 ng
RT: 12.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.8	0.0	38.1



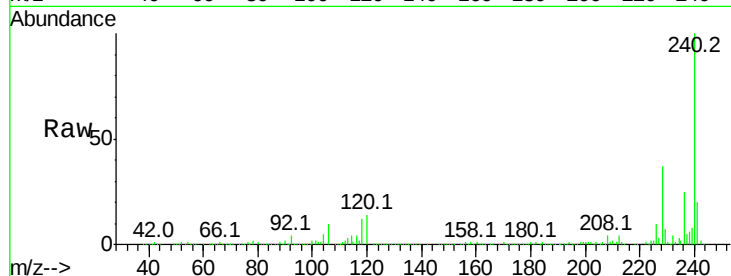


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

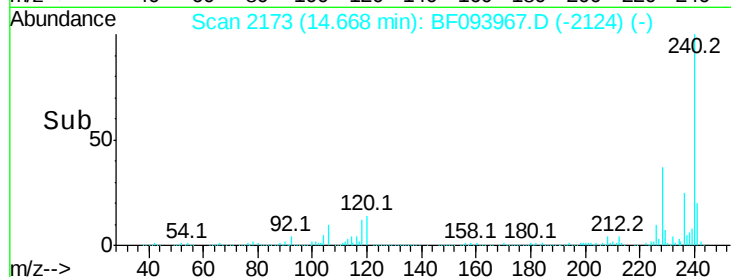
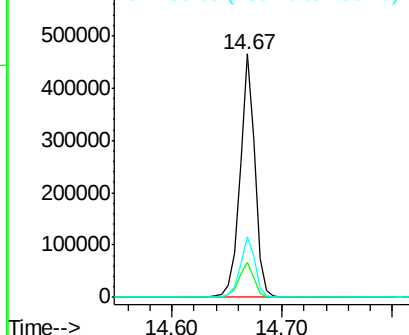
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.8	20.5	30.7

Manual Integrations
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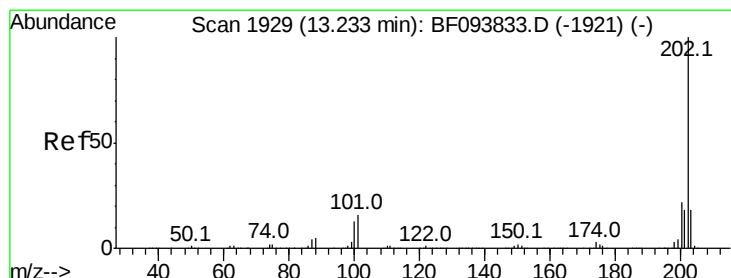


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



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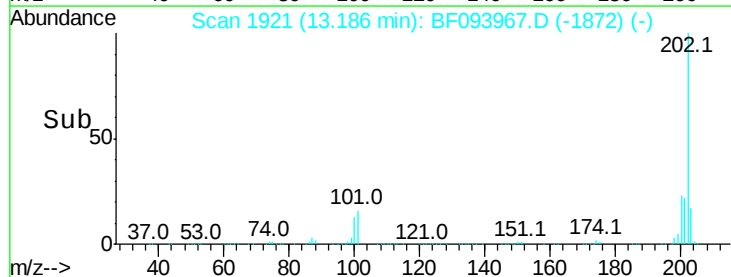
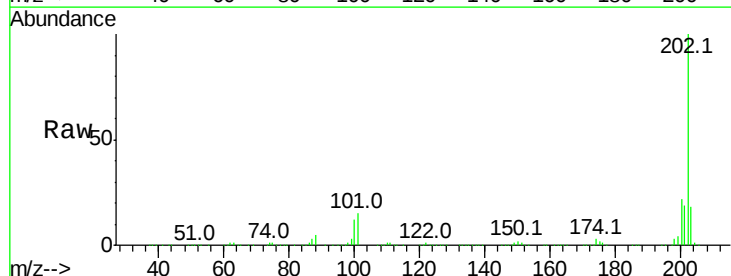
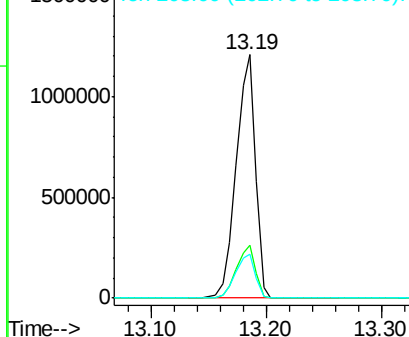
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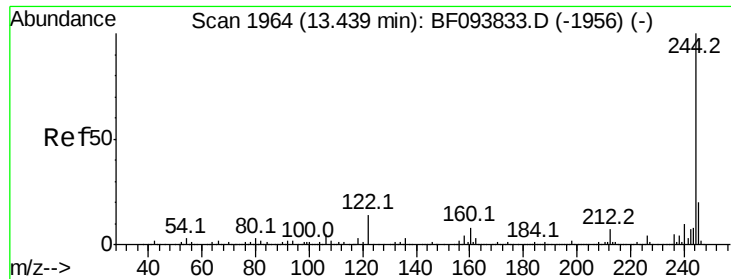


#77
 Pyrene
 Concen: 43.95 ng
 RT: 13.19 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.8	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



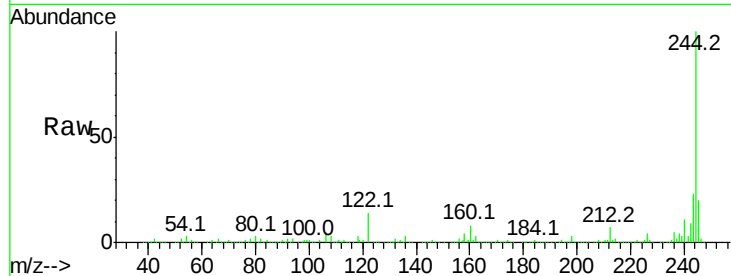


#78
 Terphenyl-d14
 Concen: 77.22 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

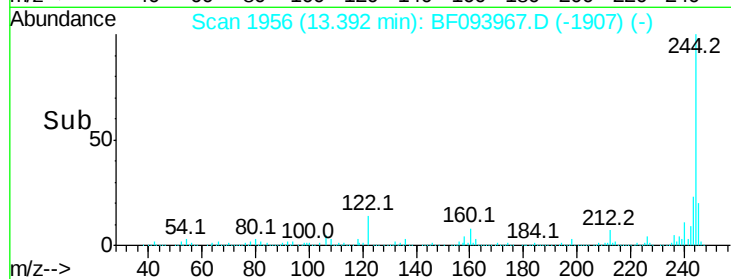
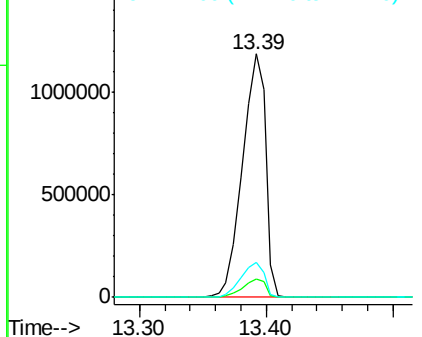
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5

Manual Integrations
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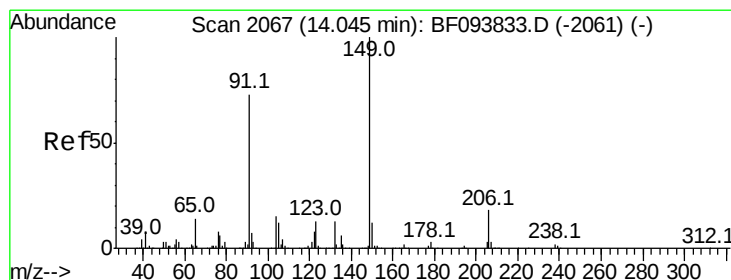


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



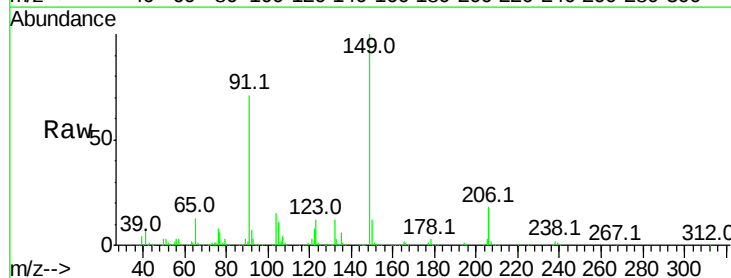
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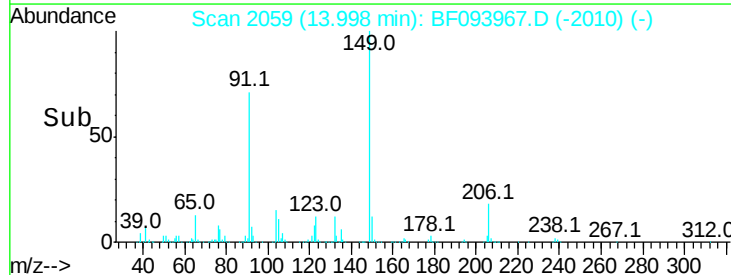
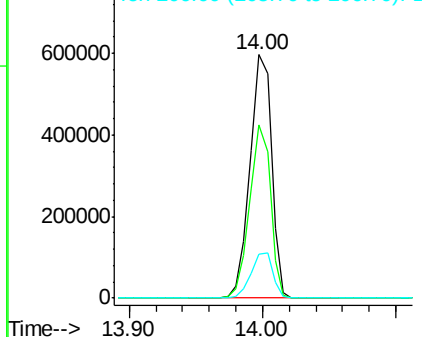


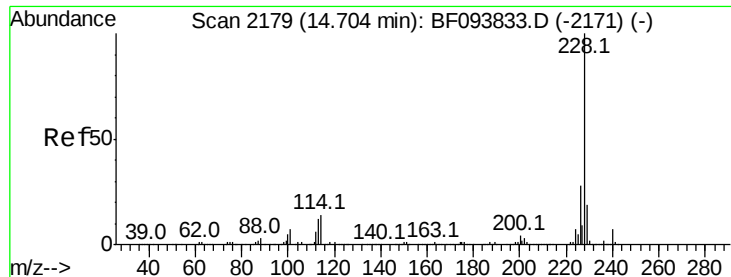
#79
 Butylbenzylphthalate
 Concen: 49.00 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	45.0	67.4#
206	18.0	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E



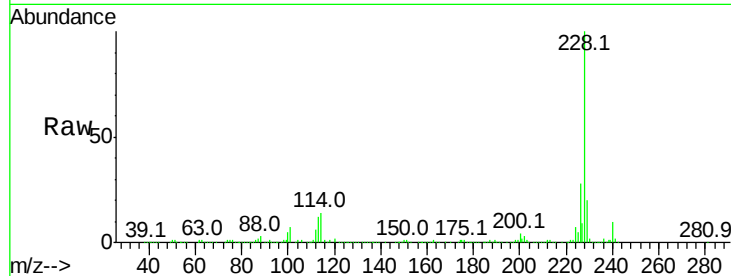


#80
Benzo(a)anthracene
Concen: 44.71 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

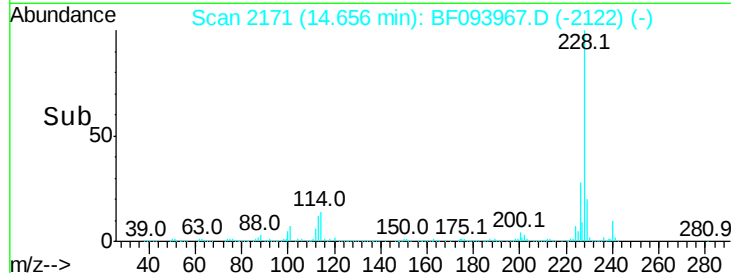
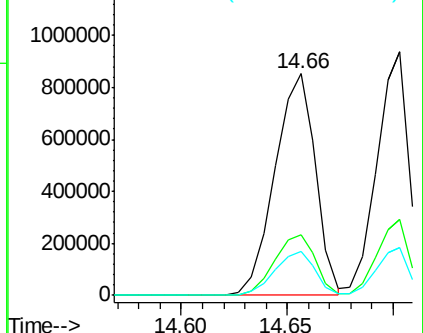
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion:228 Resp: 1137052
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.7 16.3 24.5

Manual Integrations
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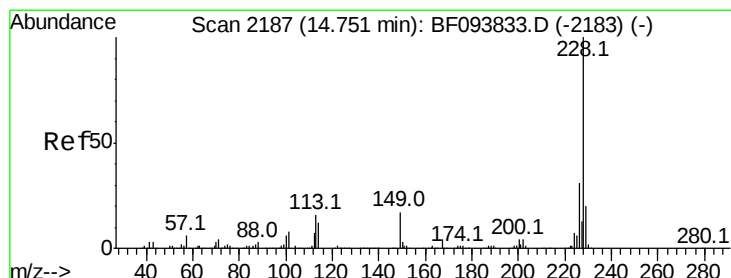


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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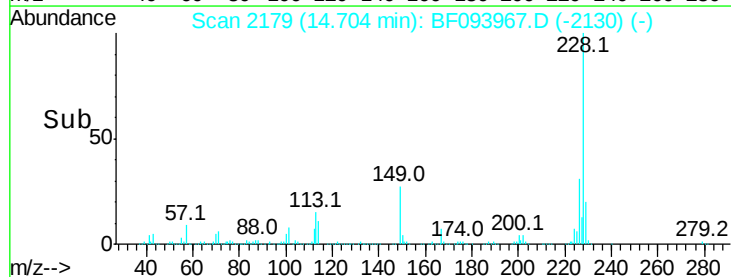
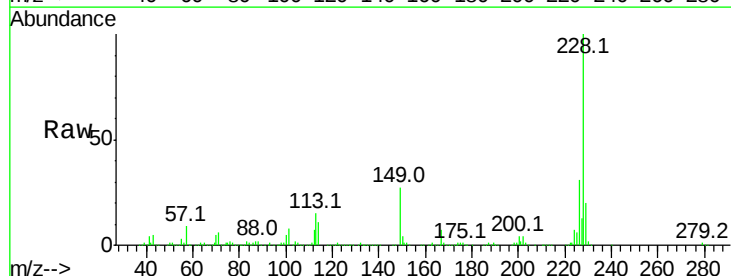
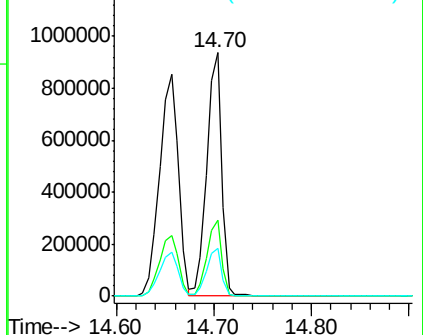
3/28/2017 3:43:23 PM

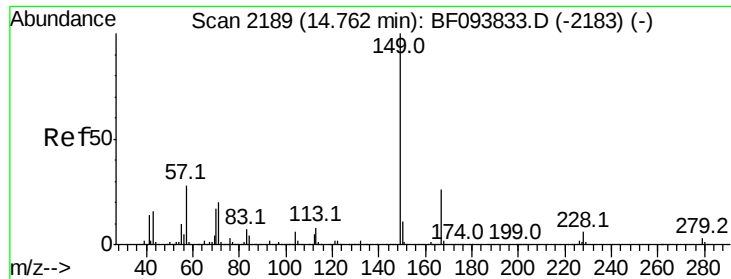


#82
Chrysene
Concen: 42.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion:228 Resp: 991292
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 19.9 15.8 23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



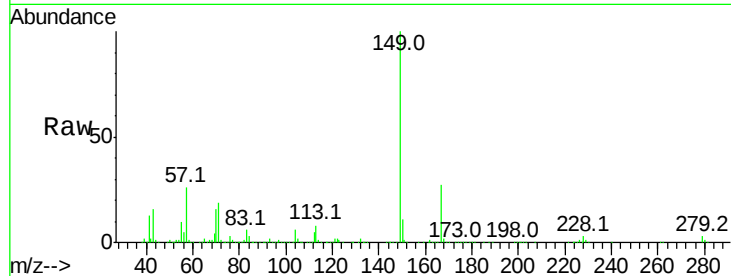


#83
Bis(2-ethylhexyl)phthalate
Concen: 47.37 ng
RT: 14.72 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

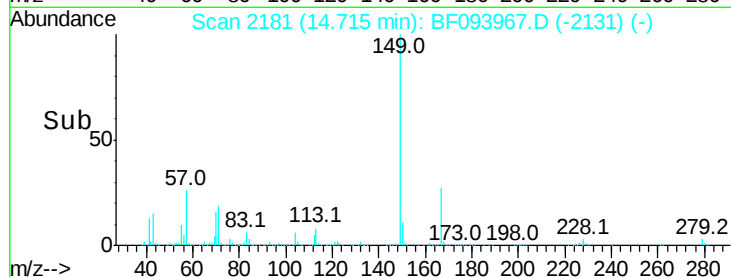
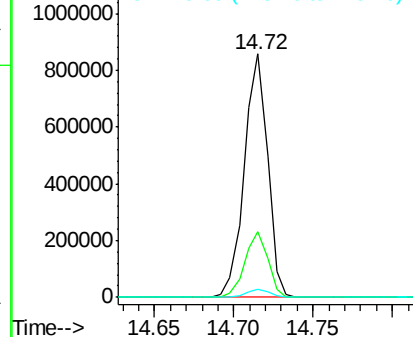
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.0	31.4	
279	3.1	1.9	2.9	

Manual Integrations
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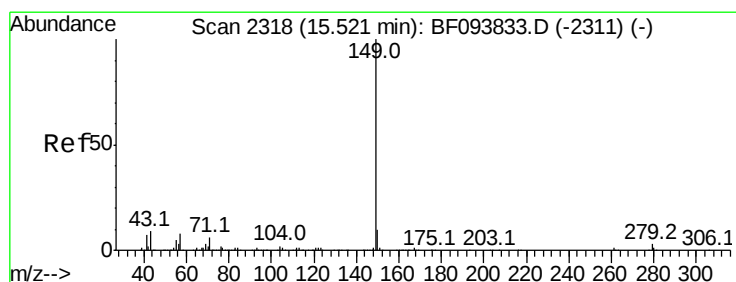


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



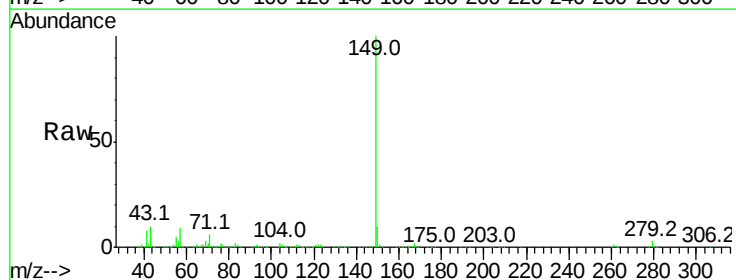
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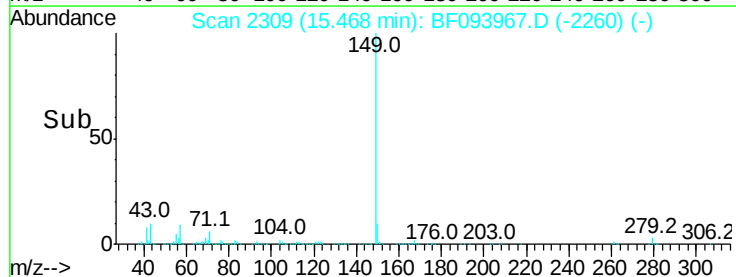
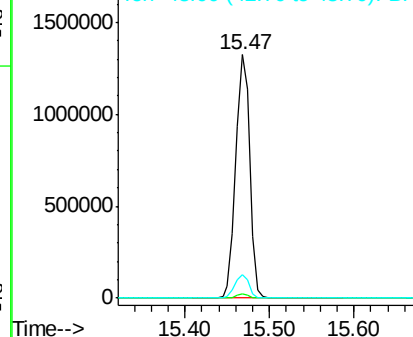


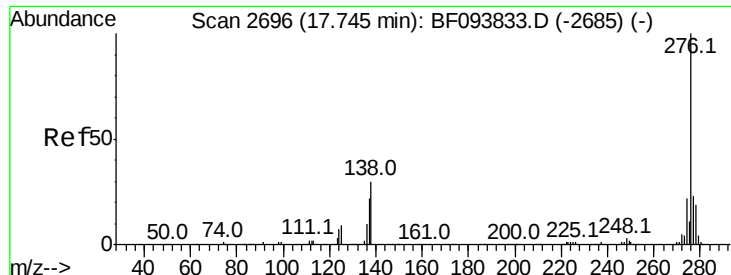
#84
Di-n-octyl phthalate
Concen: 48.55 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.7	8.5	12.7	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.59 ng

RT: 17.67 min Scan# 2683

Delta R.T. -0.02 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Instrument :

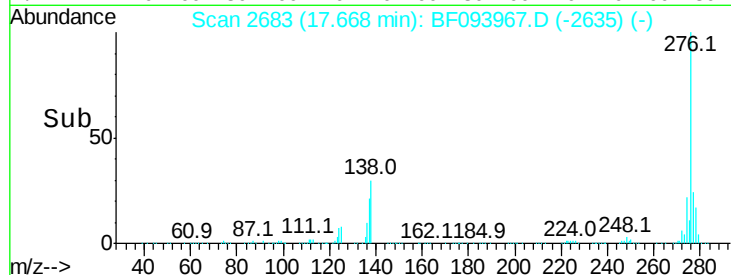
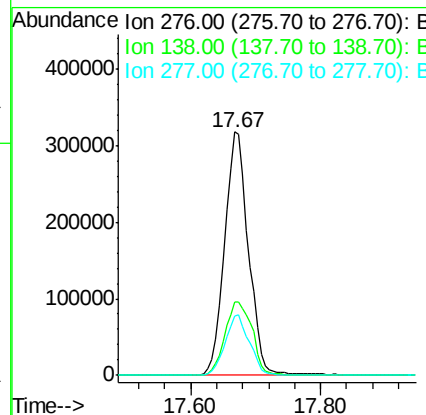
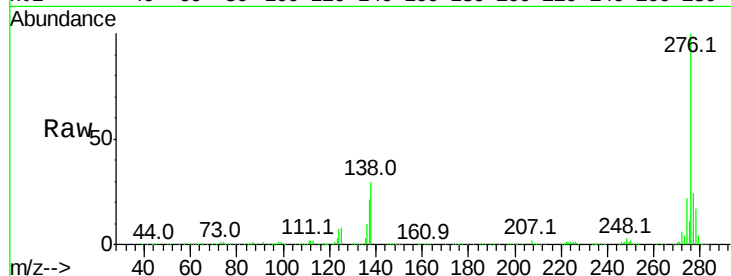
BNA_F

ClientSampleId :

WC-B42-B51-001MS

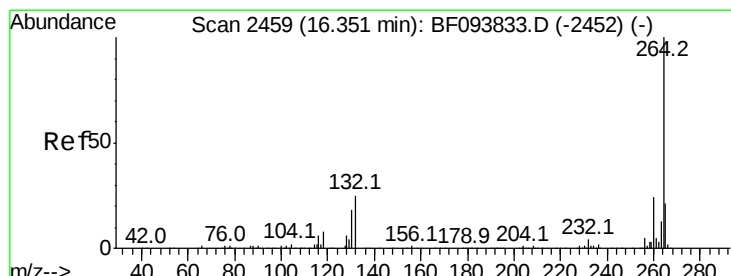
Tot Ion:	276	Resp:	809162
Ion Ratio	Lower	Upper	
276	100		
138	34.4	27.8	41.6
277	25.2	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

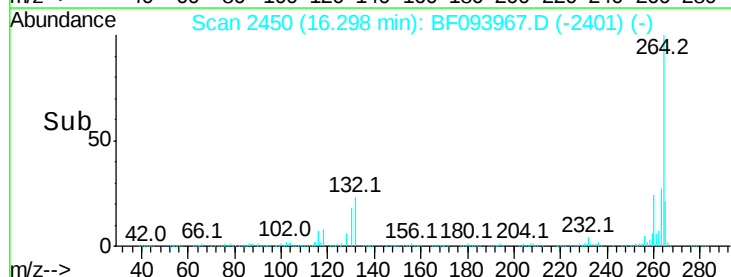
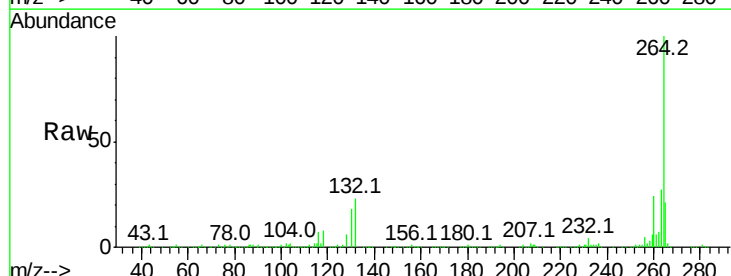
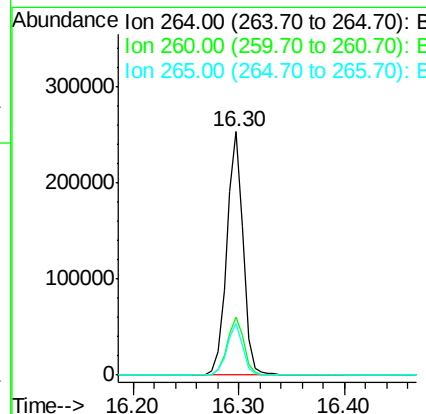
RT: 16.30 min Scan# 2450

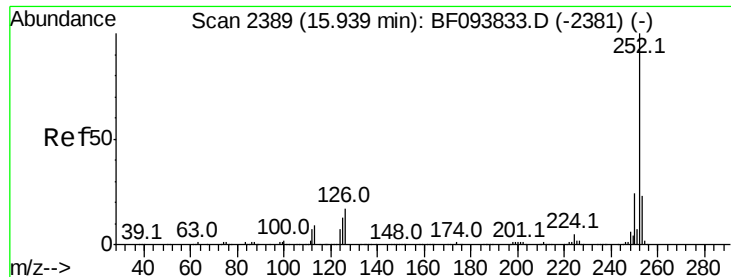
Delta R.T. -0.01 min

Lab File: BF093967.D

Acq: 28 Mar 2017 2:54

Tgt Ion:	264	Resp:	273119
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.2	17.2	25.8



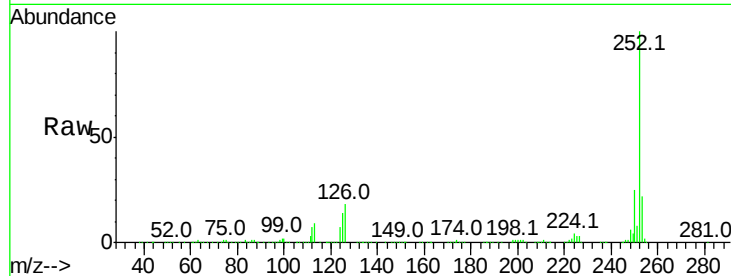


#87
Benzo(b)fluoranthene
Concen: 56.98 ng
RT: 15.89 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

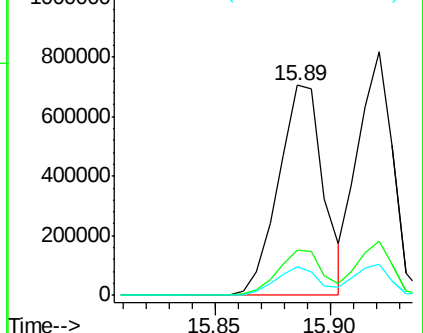
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	13.7	9.8	14.8

Manual Integrations
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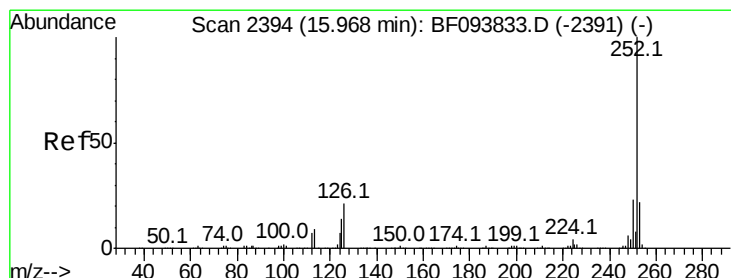
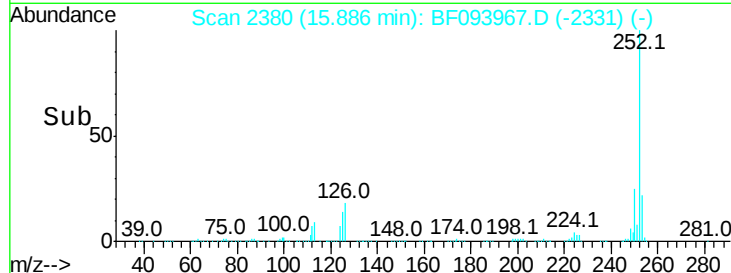


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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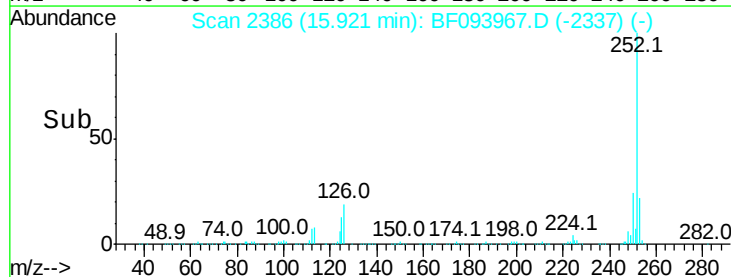
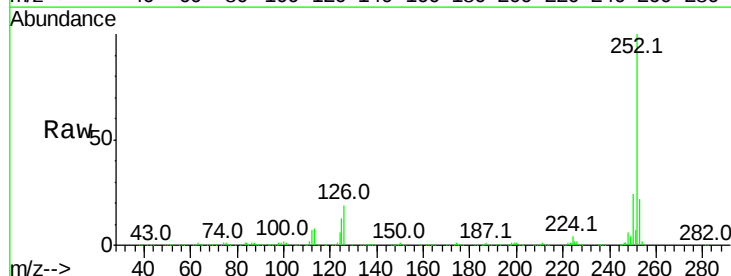
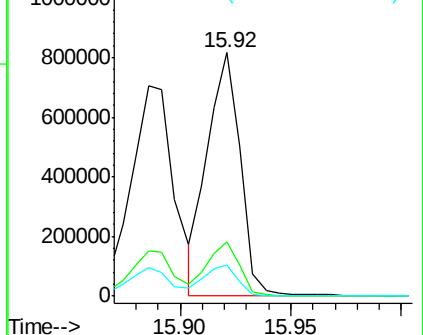
3/28/2017 3:43:23 PM

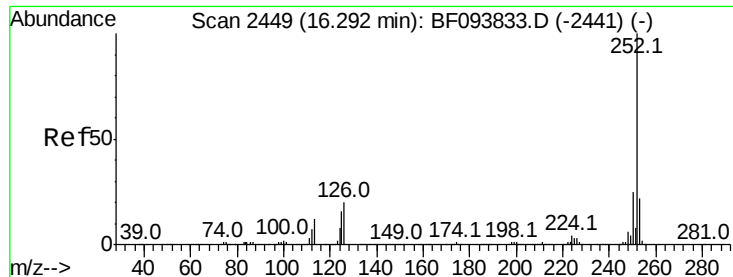


#88
Benzo(k)fluoranthene
Concen: 52.71 ng m
RT: 15.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	12.8	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



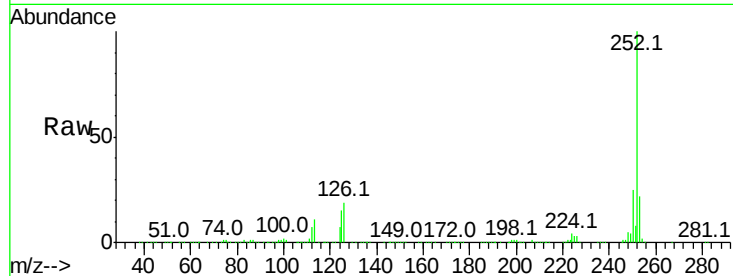


#89
Benzo(a)pyrene
Concen: 53.24 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

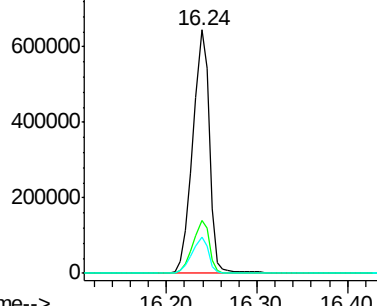
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.8	11.0	16.4

Manual Integrations
APPROVED

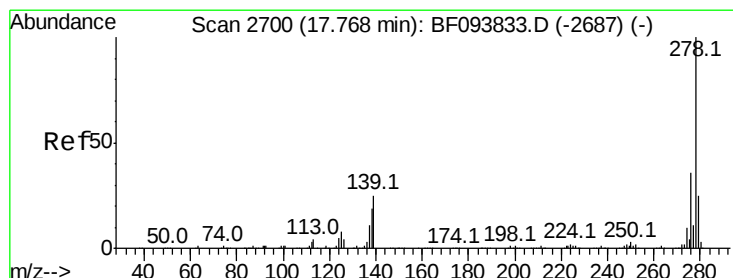
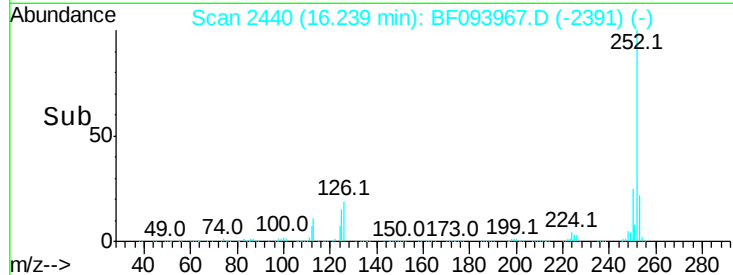


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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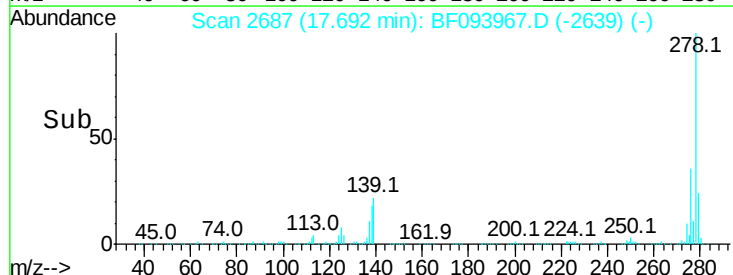
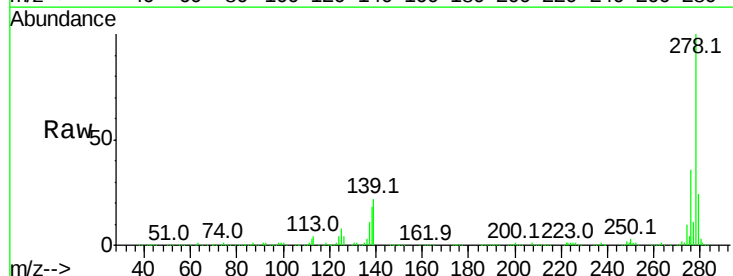
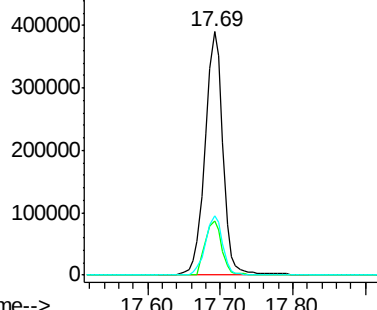
3/28/2017 3:43:23 PM

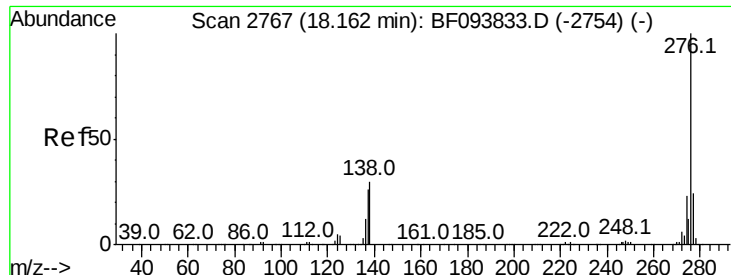


#90
Dibenzo(a,h)anthracene
Concen: 51.57 ng
RT: 17.69 min Scan# 2687
Delta R.T. -0.02 min
Lab File: BF093967.D
Acq: 28 Mar 2017 2:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	24.3	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



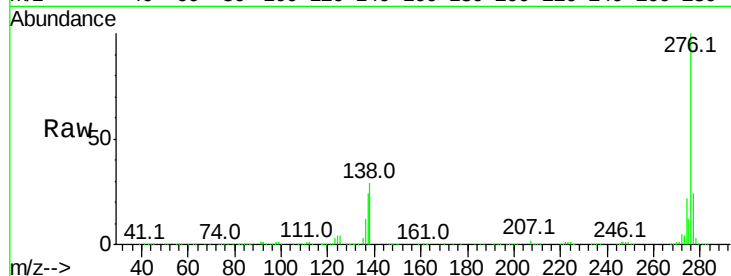


#91
 Benzo(a,h,i)perylene
 Concen: 50.20 ng
 RT: 18.08 min Scan# 2753
 Delta R.T. -0.02 min
 Lab File: BF093967.D
 Acq: 28 Mar 2017 2:54

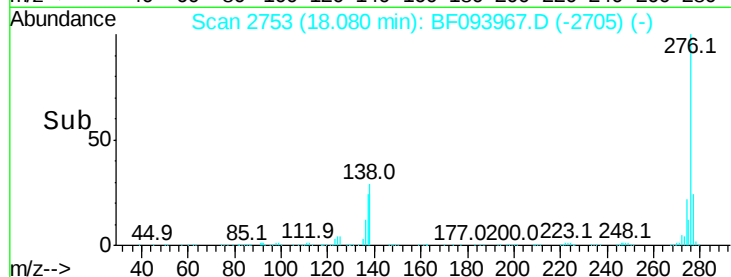
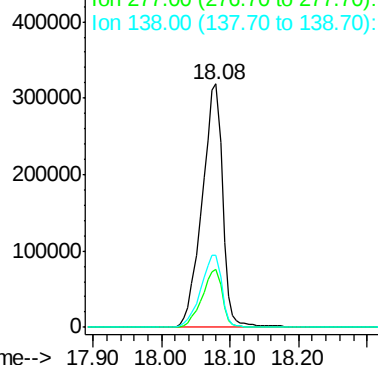
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion:	276	Resp:	660497
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.6	28.0
138	29.4	25.4	38.0

Manual Integrations
 APPROVED



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E



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